

NTISUB/B/139-76/012

LANDSAT

NON-U.S. STANDARD CATALOG

**1 DECEMBER 1976
THROUGH
31 DECEMBER 1976**

GSFC/LN-76/012

GODDARD SPACE FLIGHT CENTER

GREENBELT, MARYLAND

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



NASA

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INTRODUCTION

To provide dissemination of information regarding the availability of Landsat imagery, the Image Processing Facility (IPF), located at the Goddard Space Flight Center, publishes a U. S. and Non-U. S. Standard Catalog on a monthly schedule. These catalogs identify imagery which has been processed and input to the data files during the referenced month. The U. S. Standard Catalog includes imagery covering the continental United States, Alaska and Hawaii; the Non-U. S. Catalog identifies all the remaining coverage. Imagery adjacent to the continental U. S. and Alaska borders will normally appear in the U. S. Standard Catalog. As a supplement to these catalogs, the Landsat imagery of one spectral band is available on 16mm microfilm.

In addition to the routine monthly catalogs, the IPF annually publishes a cumulative U. S. and Non-U. S. Standard Catalog for each satellite, covering a year based on the launch date for that satellite. These catalogs include information on all observations acquired and processed by the facility during that year.

Film products for imagery listed in this catalog are available at a nominal price from all three agencies listed below. In addition, the 16mm microfilm can be purchased from the U. S. Department of the Interior (USDI) EROS Data Center and National Oceanic and Atmospheric Administration (NOAA). Digital tapes can be purchased only from the USDI EROS Data Center.

U. S. Department of Agriculture

**Aerial Photography Field Office
2505 Parley's Way
Salt Lake City, Utah 84109**

U. S. Department of Commerce National Oceanic and Atmospheric Administration

**Environment Data Service
Satellite Data Service Branch
D543
World Weather Building
Room 606
Washington, D. C. 20233**

U. S. Department of the Interior Geological Survey

**User Services Unit
EROS Data Center
Sioux Falls, South Dakota 57198**

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APPENDIX

SECTION 1 — STANDARD CATALOG

1.1 MONTHLY CATALOGS

The coverage sections contained in the monthly U.S. and Non-U.S. Standard Catalogs are divided into three parts. Part 1 (see Para. 1.1,A) consists of annotated maps which graphically depict the geographic areas covered by imagery listed in the current catalog. Part 2 (see Para. 1.1,B) contains a computer generated listing organized by observation identification number (ID) and includes pertinent information about each image. Part 3 (see Para. 1.1,C) provides a computer listing of observations organized by longitude/latitude.

A. Satellite Coverage Maps. These maps are segregated by cycle and depict the general location of observations listed in the catalog. The format and data content of these maps are slightly different in the U.S. and Non-U.S. catalogs.

1. U.S. Satellite Coverage Maps. Two separate map formats are presented in this catalog. One map outlines the continental U.S. and depicts the estimated cloud cover along each north to south subsatellite path. Each path is identified by actual orbit number and a cross reference, which matches the orbit number to the initial observation ID for that path. The second map provides an enlarged view of Alaska and Hawaii and displays the portion of an orbital pass for which coverage is available. This map does not include cloud cover estimates or orbit numbers.
2. Non-U.S. Satellite Coverage Map. A world outline map is provided with the portions of an orbital swath for which observations are available graphically displayed. This map is intended solely to inform the user as to whether or not coverage is included in the catalog for his area of interest. It is not intended as a rapid reference to specific observations.

B. Observation Identification Number (ID) Listing. The data format for the observation ID listing is identical in the U.S. and Non-U.S. Catalogs. Observation ID numbers are listed in a sequential manner from smallest number to largest. Associated with each ID number in the list is pertinent information about that observation. A sample catalog page with a description of each data item is shown in Figure 1-1.

1. Sample Observation ID Format. See Figure 1-1.

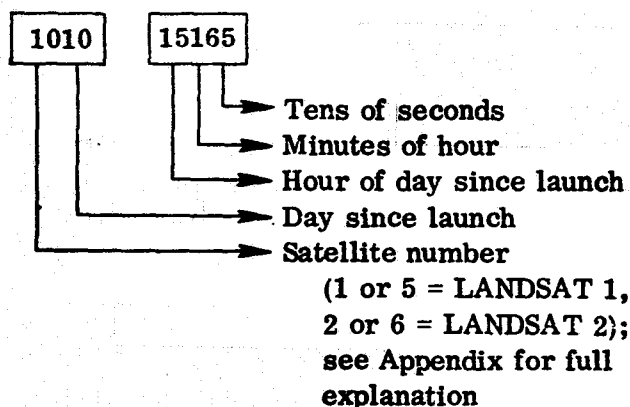
① 20:53 APR 04, '75		② FROM 02/01/75 TO 02/28/75								
④ OBSERVATION ID	⑤ MICROFILM ROLL NO./ POSITION IN ROLL		⑥ DATE ACQUIRED	⑦ CLOUD COVER %	⑧ ORBIT NUMBER	⑨ PRINCIPAL POINT OF IMAGE		⑩ SUN ELEV.	⑩ SUN AZIM.	⑪ IMAGE QUALITY RBV MSS
	RBV	MSS				LAT	LONG			
1943-16381	00000/0000	1-10034/0565	02/21/75	100	3149	4728N	09815W	25.3	144.8	GGGG
1943-16383	00000/0000	1-10034/0566	02/21/75	100	3149	4603N	09849W	26.3	143.9	GGG
1943-16390	00000/0000	1-10034/0567	02/21/75	100	3149	4438N	09923W	27.2	143.0	FGG
1943-16392	00000/0000	1-10034/0568	02/21/75	70	3149	4313N	09955W	28.2	142.1	GGFF
1943-16395	00000/0000	1-10034/0569	02/21/75	40	3149	4147N	10026W	29.1	141.2	FGGG
1944-16432	00000/0000	1-10034/0606	02/22/75	40	3163	4854N	09903W	24.7	145.5	GGGG
1944-16435	00000/0000	1-10034/0607	02/22/75	90	3163	4730N	09939W	25.6	144.6	FGGG
1944-16441	00000/0000	1-10034/0608	02/22/75	30	3163	4605N	10014W	26.6	143.8	GGGG

- ③ KEY:
- | | |
|-------------------------------|--------------------------------------|
| CLOUD COVER | IMAGE QUALITY |
| ● 0 TO 100 = % OF CLOUD COVER | ● BLANK = BAND NOT PRESENT/REQUESTED |
| ● ** NO CLOUD DATA AVAILABLE | ● G = GOOD P = POOR F = FAIR |

Figure 1-1. Observation ID Listing for Standard Catalog

2. Description of Data Items

- | | |
|---|---|
| ① Date of catalog listing | ⑤ RBV and MSS microfilm roll and image position on roll; note: RBV and MSS images for a given observation may be on two different microfilm rolls |
| ② Period during which imagery was processed | ⑥ Date of observation |
| ③ Data quality | ⑦ Estimated percent of cloud cover |
| ④ Observation ID | ⑧ Orbit number |
| | ⑨ Latitude and longitude at observation center (degrees and minutes) |
| | ⑩ Sun elevation and azimuth at observation center |
| | ⑪ Image quality; see key |



180-0 degrees East; 90-0 degrees North and 0-90 degrees South
followed by
0-180 degrees West; 90-0 degrees North and 0-90 degrees South

Figure 1-2 below shows a sample catalog page with a description of each data item.

③ 20.53 APR 04, '75 ④ ⑤ ⑥ ③ ④ ⑤ ⑥ ③ ④ ⑤ ⑥
 PRINCIPAL PT. OF IMAGE OBSERVATION ID CC % QUALITY RBV MSS PRINCIPAL PT. OF IMAGE OBSERVATION ID CC % QUALITY RBV MSS
 LONG LAT LONG LAT LONG LAT LONG LAT LONG LAT LONG LAT
 12350W 3608N 1940-18074 80 GIFF 12421W 3855N 1923-18132 70 HFFG 12512W 4436N 1925-18230 90 GGGG
 12352W 4027N 1941-18120 100 IGGG 12437W 4601N 1925-18224 90 GGGG 12517W 4022N 1924-18183 50 FFFF
 12352W 4020N 1923-18125 90 IFFF 12447W 4147N 1924-18181 60 GIFF 12527W 4720N 1926-18275 60 TFGF
 12401W 4726N 1925-18221 90 GGGF 12449W 3736N 1941-18125 90 IFGG 12545W 4311N 1925-18233 90 GGGG
 12416W 4313N 1924-18174 70 IFFF 12449W 3729N 1923-18134 70 IIFG 12546W 3857N 1924-18190 50 FGGF
 12421W 3901N 1941-18123 100 IGFG 12451W 4852N 1926-18273 90 GGGG 12612W 4603N 1926-18282 70 IGGG

2. Description of Data Items

- | | |
|---|------------------------------------|
| ① Date of catalog listing | ⑤ Estimated percent of cloud cover |
| ② Period during which imagery was processed | ⑥ Image quality; see key |
| ③ Longitude and latitude at observation center
(degrees and minutes) | ⑦ Data quality |
| ④ Observation ID (see Fig. 1-1, Para. 1.1, B, 2) | |

1.2 CUMULATIVE STANDARD CATALOGS

Annually, a cumulative catalog is produced which includes information covering all observations and coordinates acquired and processed by the IPF during that year.

A. Observation ID Listing.

1. Sample Observation ID Format. See Figure 1-1.

2. Description of Data Items. See Paragraph 1.1, B, 2.

B. Coordinate ID Listing. The coordinate ID listing format is expanded to identify observations for which color or digital products have been made.

1. Sample Coordinate ID Format. See Figure 1-3.

⑨		① 15:36 MAR 11, '74	⑤		⑥	⑦	② FROM 07/23/72 TO 07/23/74		⑧	⑩	⑪		⑫			
PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D				
LONG	LAT		RBV	MSS												
07607W	3734N	1295-15144	00000/0000	10010/1659	05/14/73	20	4112	60.2	122.0		GGGG				M	
07607W	3731N	1259-15150	00000/0000	10010/0088	04/08/73	90	3610	50.7	133.2		GGGG				M	
07607W	3731N	1313-15143	00000/0000	10011/0920	06/01/73	80	4363	62.3	116.2		GGGG				M	
07608W	4438N	1027-15231	00000/0000	1-10001/1498	08/19/72	0	375	50.9	136.9		GGGG	M			M	
07608W	3731N	1331-15142	00000/0000	1-10011/1589	06/19/73	100	4614	62.4	112.8		GGGG					
07608W	3724N	1349-15141	00000/0000	1-10012/1387	07/07/73	10	4865	61.2	112.9		PGPP		M		M	
07609W	4851N	1352-15275	00000/0000	1-10012/1622	07/10/73	60	4907	56.7	133.9		G					
07609W	3144N	1006-15093	1-10001/0377	1-10001/0378	07/29/72	100	82	59.7	108.3	GGG	PGGG					

③ KEY:

CLOUD COVER
● 0 TO 100 = % OF CLOUD COVER

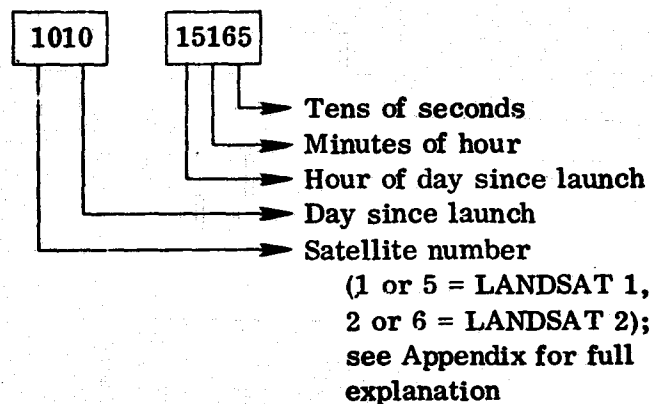
IMAGE QUALITY
● BLANK = BAND NOT PRESENT/REQUESTED
● G = GOOD P = POOR F = FAIR

PRODUCTS ALREADY MADE
● R = MADE FROM RBV M = MADE FROM MSS
B = MADE FROM RBV AND MSS

Figure 1-3. Coordinate Listing for Cumulative Standard Catalog

2. Description of Data Items

- ① Date of catalog listing
- ② Period during which imagery was processed
- ③ Data quality
- ④ Observation ID



- ⑤ RBV and MSS microfilm roll and image position on roll; note: RBV and MSS images for a given observation may be on two different microfilm rolls
- ⑥ Date of observation
- ⑦ Estimated percent of cloud cover
- ⑧ Orbit number
- ⑨ Latitude and longitude at observation center (degrees and minutes)
- ⑩ Sun elevation and azimuth at observation center
- ⑪ Image quality; see key
- ⑫ Image/data product availability; see key

SECTION 2 — MICROFILM

2.1 GENERAL

The Image Processing Facility produces a 16 mm microfilm inventory of imagery processed during the referenced month and is organized for convenient use with the Standard Catalog.

As in the case of the Standard Catalog, the microfilm data is divided into U.S. and Non-U.S. segments. Each set of microfilm images is in exact correspondence to a Standard Catalog and can be used in conjunction with the catalog for selecting desired images. A maximum of 1900 images will be contained on one roll of 16 mm x 100 ft microfilm. Because the microfilm images are intended to provide only a summary of the data available, the images are limited to one band each for the RBV and MSS. Although a single observation will produce seven images, in the production of microfilm only the RBV Spectral Band 2 images (0.580 - 0.680 microns) and MSS Spectral Band 2 images (0.6 - 0.7 microns) are reproduced. Each image is a photograph of a 70 mm (-2) image and contains the image identifier and annotation block. See Figure 2-1.

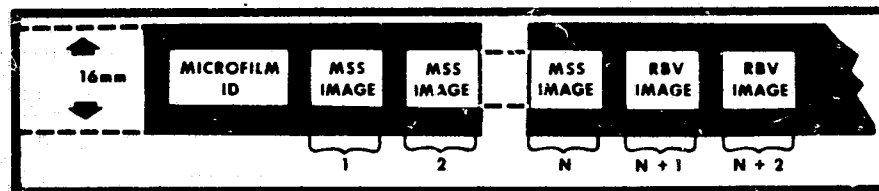


Figure 2-1. Microfilm Format

Microfilm roll numbers contain six digits. The first digit designates the satellite number (blank or 1- = LANDSAT 1, 2- = LANDSAT 2). Example: Roll number 10032 and roll number 1-10034 are both LANDSAT 1 rolls. Roll 2-10032 is a LANDSAT 2 roll. The second digit will be a 1 (for U.S. rolls) or a 2 (for Non-U.S. rolls). The remaining digits are used to number sequentially all microfilm rolls prepared within each group. Example: Roll number 10001 is the first U.S. roll of microfilm produced for LANDSAT 1. Roll number 20004 is the fourth Non-U.S. roll to be produced for LANDSAT 1. The first U.S. roll of microfilm for LANDSAT 2 is number 2-10001.

The microfilm contains two rapid search capabilities to help the user quickly reach the desired scene. They are:

- Code Line Indexing
- Blip Encoding

2.2 CODE LINE INDEXING

The Landsat microfilm images have been annotated with visual code lines to the right of each frame. The visual code lines graduate up the edge of the screen as the film advances and allow the user to advance rapidly to within 20 frames of his desired image. See Figure 2-2.

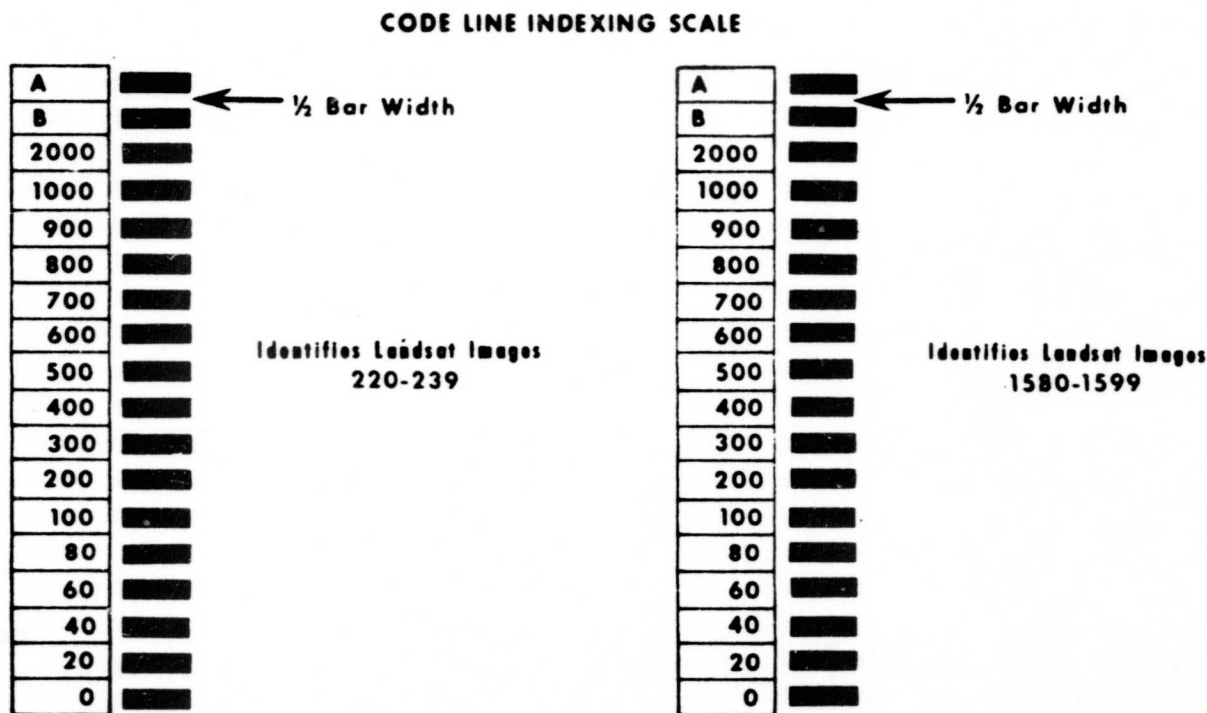


Figure 2-2. Code Line Indexing Scale

To utilize this system, a user must generate a code line indexing bar scale to attach to the face of his viewers. The size and spacing for the bar scale is dependent upon the magnification of his viewer. Landsat imagery is microfilmed at a reduction ratio of 8.5x. To determine the overall length of a scale required for your microfilm reader, multiply 7.4 mm by the enlargement factor of your lens. To determine the bar widths along the bar scale, Multiply 0.24 mm by the same factor. A space between each bar should exist that is 1/2 the bar width.

2.3 BLIP ENCODING

The LANDSAT microfilm images have also been annotated with a blip (black spot) at the base of each frame. This type of encoding is designed for use on readers with an electronic sensing and counting capability or an odometer. To use the blip encoding retrieval system, the film will have to be placed in a cartridge. When the cartridge is placed in a reader which contains an odometer or has a keyboard attached, the identification of the desired image is obtained from the Standard Catalog (column 6, Microfilm Position) and either punched on the keyboard or read via the odometer as the film advances. Using a reader configured for rapid search and retrieval, the film advances and the frames (blips) are counted by means of a photosensing light. When the appropriate number has been counted, the reader stops and the desired image is projected on the screen. Using a reader with an odometer requires the user to monitor the odometer as the film advances and stop the advance of the film in the vicinity of the required frame.

SECTION 3 - CYCLE CHARTS
SECTION 3.1 - LANDSAT 1 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
First 8 days	1	8	24 Jul 72	31 Jul 72	16	279	296	28 Apr 73	15 May 73
1	9	26	1 Aug 72	18 Aug 72	17	297	314	16 May 73	2 Jun 73
2	27	44	19 Aug 72	5 Sep 72	18	315	332	3 Jun 73	20 Jun 73
3	45	62	6 Sep 72	23 Sep 72	19	333	350	21 Jun 73	8 Jul 73
4	63	80	24 Sep 72	11 Oct 72	20	351	368	9 Jul 73	26 Jul 73
5	81	98	12 Oct 72	29 Oct 72	21	369	386	27 Jul 73	13 Aug 73
6	99	116	30 Oct 72	16 Nov 72	22	387	404	14 Aug 73	31 Aug 73
7	117	134	17 Nov 72	4 Dec 72	23	405	422	1 Sep 73	18 Sep 73
8	135	152	5 Dec 72	22 Dec 72	24	423	440	19 Sep 73	6 Oct 73
9	153	170	23 Dec 72	9 Jan 73	25	441	458	7 Oct 73	24 Oct 73
10	171	188	10 Jan 73	27 Jan 73	26	459	476	25 Oct 73	11 Nov 73
11	189	206	28 Jan 73	14 Feb 73	27	477	494	12 Nov 73	29 Nov 73
12	207	224	15 Feb 73	4 Mar 73	28	495	512	30 Nov 73	17 Dec 73
13	225	242	5 Mar 73	22 Mar 73	29	513	530	18 Dec 73	4 Jan 74
14	243	260	23 Mar 73	9 Apr 73	30	531	548	5 Jan 74	22 Jan 74
15	261	278	10 Apr 73	27 Apr 73	31	549	566	23 Jan 74	9 Feb 74

SECTION 3.1 — LANDSAT 1 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
32	567	584	10 Feb 74	27 Feb 74	48	855	872	25 Nov 74	12 Dec 74
33	585	602	28 Feb 74	17 Mar 74	49	873	890	13 Dec 74	30 Dec 74
34	603	620	18 Mar 74	4 Apr 74	50	891	908	31 Dec 74	17 Jan 75
35	621	638	5 Apr 74	22 Apr 74	51	909	926	18 Jan 75	4 Feb 75
36	639	656	23 Apr 74	11 May 74	52	927	944	5 Feb 75	22 Feb 75
37	657	674	12 May 74	28 May 74	53	945	962	23 Feb 75	12 Mar 75
38	675	692	29 May 74	15 Jun 74	54	963	980	13 Mar 75	30 Mar 75
39	693	710	16 Jun 74	3 Jul 74	55	981	998	31 Mar 75	17 Apr 75
40	711	728	4 Jul 74	21 Jul 74	56	999	1016	18 Apr 75	5 May 75
41	729	746	22 Jul 74	8 Aug 74	57	1017	1034	6 May 75	23 May 75
42	747	764	9 Aug 74	26 Aug 74	58	1035	1052	24 May 75	10 Jun 75
43	765	782	27 Aug 74	13 Sep 74	59	1053	1070	11 Jun 75	28 Jun 75
44	783	800	14 Sep 74	1 Oct 74	60	1071	1088	29 Jun 75	16 Jul 75
45	801	818	2 Oct 74	19 Oct 74	61	1089	1106	17 Jul 75	3 Aug 75
46	819	836	20 Oct 74	6 Nov 74	62	1107	1124	4 Aug 75	21 Aug 75
47	837	854	7 Nov 74	24 Nov 74	63	1125	1142	22 Aug 75	8 Sep 75

SECTION 3.1 - LANDSAT 1 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
64	1143	1160	9 Sep 75	26 Sep 75	80	1431	1448	23 Jun 76	10 Jul 76
65	1161	1178	27 Sep 75	14 Oct 75	81	1449	1466	11 Jul 76	28 Jul 76
66	1179	1196	15 Oct 75	1 Nov 75	82	1467	1484	29 Jul 76	15 Aug 76
67	1197	1214	2 Nov 75	19 Nov 75	83	1485	1502	16 Aug 76	2 Sep 76
68	1215	1232	20 Nov 75	7 Dec 75	84	1503	1520	3 Sep 76	20 Sep 76
69	1233	1250	8 Dec 75	25 Dec 75	85	1521	1538	21 Sep 76	8 Oct 76
70	1251	1268	26 Dec 75	12 Jan 76	86	1539	1556	9 Oct 76	26 Oct 76
71	1269	1286	13 Jan 76	30 Jan 76	87	1557	1574	27 Oct 76	13 Nov 76
72	1287	1304	31 Jan 76	17 Feb 76	88	1575	1592	14 Nov 76	1 Dec 76
73	1305	1322	18 Feb 76	6 Mar 76	89	1593	1610	2 Dec 76	19 Dec 76
74	1323	1340	7 Mar 76	24 Mar 76	90	1611	1628	20 Dec 76	6 Jan 77
75	1341	1358	25 Mar 76	11 Apr 76	91	1629	1646	7 Jan 77	24 Jan 77
76	1359	1376	12 Apr 76	29 Apr 76	92	1647	1664	25 Jan 77	11 Feb 77
77	1377	1394	30 Apr 76	17 May 76	93	1665	1682	12 Feb 77	1 Mar 77
78	1395	1412	18 May 76	4 Jun 76	94	1683	1700	2 Mar 77	19 Mar 77
79	1413	1430	5 Jun 76	22 Jun 76	95	1701	1718	20 Mar 77	6 Apr 77

SECTION 3.2 — LANDSAT 2 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
First 22 days	1	22	22 Jan 75	13 Feb 75	19	347	364	4 Jan 76	21 Jan 76
1	23	40	14 Feb 75	3 Mar 75	20	365	382	22 Jan 76	8 Feb 76
2	41	58	4 Mar 75	21 Mar 75	21	383	400	9 Feb 76	26 Feb 76
3	59	76	22 Mar 75	8 Apr 75	22	401	418	27 Feb 76	15 Mar 76
4	77	94	9 Apr 75	26 Apr 75	23	419	436	16 Mar 76	2 Apr 76
5	95	112	27 Apr 75	14 May 75	24	437	454	3 Apr 76	20 Apr 76
6	113	130	15 May 75	1 Jun 75	25	455	472	21 Apr 76	8 May 76
7	131	148	2 Jun 75	19 Jun 75	26	473	490	9 May 76	26 May 76
8	149	188	20 Jun 75	7 Jul 75	27	491	508	27 May 76	13 Jun 76
9	167	184	8 Jul 75	25 Jul 75	28	509	526	14 Jun 76	1 Jul 76
10	185	202	26 Jul 75	12 Aug 75	29	527	544	2 Jul 76	19 Jul 76
11	203	220	13 Aug 75	30 Aug 75	30	545	562	20 Jul 76	6 Aug 76
12	221	238	31 Aug 75	17 Sep 75	31	563	580	7 Aug 76	24 Aug 76
13	239	256	18 Sep 75	5 Oct 75	32	581	598	25 Aug 76	11 Sep 76
14	257	274	6 Oct 75	23 Oct 75	33	599	616	12 Sep 76	29 Sep 76
15	275	292	24 Oct 75	10 Nov 75	34	617	634	30 Sep 76	17 Oct 76
16	293	310	11 Nov 75	28 Nov 75	35	635	652	18 Oct 76	4 Nov 76
17	311	328	29 Nov 75	16 Dec 75	36	653	670	5 Nov 76	22 Nov 76
18	329	346	17 Dec 75	3 Jan 76	37	671	688	23 Nov 76	10 Dec 76

SECTION 4

LANDSAT 1 COVERAGE

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0015

THERE WAS NO LANDSAT 1 IMAGERY ACQUIRED DURING DECEMBER.

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0017

SECTION 5

LANDSAT 2 COVERAGE

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LANDSAT 2
OBSERVATION ID LISTING

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0020

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS DATA	MSS MODE GAIN
2637-19161	2-20037/1345	00000/0000	10/20/76	10	8883	7728S 16608E	12.2	83.7	GG	
2638-19210	2-20037/1346	00000/0000	10/21/76	10	8897	7517S 17309E	14.9	76.1	GGG	
2638-19213	2-20037/1347	00000/0000	10/21/76	10	8897	7623S 16920E	13.8	79.5	GGG	
2638-19215	2-20037/1348	00000/0000	10/21/76	0	8897	7726S 16453E	12.6	83.6	GGG	
2639-19264	2-20037/1349	00000/0000	10/22/76	10	8911	7517S 17149E	15.3	76.2	GGG	
2639-19271	2-20037/1350	00000/0000	10/22/76	10	8911	7623S 16802E	14.1	79.6	GGG	
2639-19273	2-20037/1351	00000/0000	10/22/76	0	8911	7725S 16337E	13.0	83.6	GGG	
2640-19322	2-20037/1352	00000/0000	10/23/76	0	8925	7515S 17016E	15.6	76.2	FGG	
2640-19325	2-20037/1353	00000/0000	10/23/76	0	8925	7622S 16625E	14.5	79.6	GGG	
2651-23491	00000/0000	2-20036/0044	11/03/76	90	9081	3422S 13633E	47.8	73.8		GGGG
2652-02545	00000/0000	2-20036/0016	11/04/76	10	9083	3721N 10316E	30.7	147.2		GFGG
2652-02551	00000/0000	2-20036/0017	11/04/76	0	9083	3555N 10249E	31.7	146.4		GFGG
2653-06261	00000/0000	2-20036/0001	11/05/76	90	9099	4012N 05107E	28.2	149.0		GGGG
2653-06264	00000/0000	2-20036/0002	11/05/76	80	9099	3847N 05039E	29.3	148.2		GGGG
2653-06270	00000/0000	2-20036/0003	11/05/76	30	9099	3722N 05011E	30.3	147.4		GGGG
2653-06273	00000/0000	2-20036/0004	11/05/76	0	9099	3556N 04943E	31.4	146.6		FGGG
2653-06275	00000/0000	2-20036/0005	11/05/76	0	9099	3431N 04916E	32.4	145.8		GGGG
2653-06282	00000/0000	2-20036/0006	11/05/76	0	9099	3305N 04851E	33.4	144.9		GGGG
2653-06284	00000/0000	2-20036/0007	11/05/76	0	9099	3139N 04825E	34.4	144.0		GGGG
2653-06291	00000/0000	2-20036/0008	11/05/76	0	9099	3014N 04800E	35.4	143.1		GGGG
2653-08052	00000/0000	2-20036/0009	11/05/76	90	9100	5419N 03124E	17.2	156.7		GGGG
2653-08054	00000/0000	2-20036/0010	11/05/76	90	9100	5255N 03039E	18.3	155.9		GGGG
2653-08061	00000/0000	2-20036/0011	11/05/76	100	9100	5131N 02956E	19.4	155.1		GGGG
2653-08063	00000/0000	2-20036/0012	11/05/76	100	9100	5007N 02916E	20.6	154.3		GGGG
2653-08070	00000/0000	2-20036/0013	11/05/76	100	9100	4843N 02838E	21.7	153.6		GGGG
2653-08072	00000/0000	2-20036/0014	11/05/76	90	9100	4718N 02801E	22.8	152.8		GGGG
2653-08075	00000/0000	2-20036/0015	11/05/76	80	9100	4554N 02726E	23.9	152.0		FGGG
2653-19034	2-20037/1354	00000/0000	11/05/76	50	9106	7630S 17312E	18.5	81.0	GGG	
2653-19041	2-20037/1355	00000/0000	11/05/76	50	9106	7733S 16840E	17.4	85.1	GGG	
2653-19043	2-20037/1356	00000/0000	11/05/76	70	9106	7831S 16320E	16.2	90.0	GGG	
2653-23594	00000/0000	2-20036/0018	11/05/76	0	9109	3136S 13431E	49.3	77.3		GGGG
2654-03055	00000/0000	2-20036/0019	11/06/76	20	9111	3844N 10051E	29.1	148.3		GGGG
2654-04484	00000/0000	2-20036/0020	11/06/76	20	9112	4013N 07531E	28.0	149.1		GGGG
2654-04490	00000/0000	2-20036/0021	11/06/76	40	9112	3848N 07502E	29.0	148.3		FGGG
2654-04493	00000/0000	2-20036/0022	11/06/76	90	9112	3722N 07434E	30.1	147.5		GGGG
2654-04495	00000/0000	2-20036/0023	11/06/76	90	9112	3557N 07406E	31.1	146.7		GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR NON-US
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PAGE 0021

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2654-04502	00000/0000	2-20036/0024	11/06/76	90	9112	3431N 07340E	32.2	145.9	GGGG		
2654-04504	00000/0000	2-20036/0025	11/06/76	30	9112	3306N 07314E	33.2	145.0	GGGG		
2654-04511	00000/0000	2-20036/0026	11/06/76	10	9112	3140N 07248E	34.2	144.2	GGGG		
2654-04513	00000/0000	2-20036/0027	11/06/76	0	9112	3014N 07223E	35.2	143.3	GGGG		
2654-04531	00000/0000	2-20036/0028	11/06/76	0	9112	2430N 07049E	39.0	139.4	GGGG		
2654-04534	00000/0000	2-20036/0029	11/06/76	0	9112	2304N 07027E	39.9	138.4	GGGG		
2654-04540	00000/0000	2-20036/0030	11/06/76	0	9112	2139N 07005E	40.8	137.3	GGGG		
2654-06315	00000/0000	2-20036/0031	11/06/76	90	9113	4013N 04942E	27.9	149.1	GGGG		
2654-06322	00000/0000	2-20036/0032	11/06/76	90	9113	3848N 04913E	29.0	148.3	GGGG		
2654-06324	00000/0000	2-20036/0033	11/06/76	50	9113	3722N 04845E	30.1	147.5	GGGG		
2654-06331	00000/0000	2-20036/0034	11/06/76	10	9113	3557N 04817E	31.1	146.7	GGG		
2654-06333	00000/0000	2-20036/0035	11/06/76	0	9113	3431N 04751E	32.1	145.9	GGGG		
2654-06340	00000/0000	2-20036/0036	11/06/76	0	9113	3305N 04725E	33.2	145.1	GGGG		
2654-06342	00000/0000	2-20036/0037	11/06/76	0	9113	3140N 04700E	34.2	144.2	GGGG		
2654-08110	00000/0000	2-20036/0038	11/06/76	100	9114	5419N 02954E	16.9	156.7	GGGG		
2654-08113	00000/0000	2-20036/0039	11/06/76	90	9114	5255N 02910E	18.0	155.9	GGGG		
2654-08115	00000/0000	2-20036/0040	11/06/76	90	9114	5131N 02828E	19.2	155.2	GGGG		
2654-08122	00000/0000	2-20036/0041	11/06/76	100	9114	5006N 02748E	20.3	154.4	GGGG		
2654-08124	00000/0000	2-20036/0042	11/06/76	100	9114	4842N 02710E	21.4	153.6	GGGG		
2654-08131	00000/0000	2-20036/0043	11/06/76	70	9114	4718N 02633E	22.5	152.9	GGGG		
2654-19092	2-20037/1357	00000/0000	11/06/76	20	9120	7631S 17148E	18.8	81.2	GG		
2654-19095	2-20037/1358	00000/0000	11/06/76	20	9120	7734S 16713E	17.6	85.2	GGG		
2655-03110	00000/0000	2-20036/0045	11/07/76	10	9125	4012N 09955E	27.7	149.2	FFGG		
2655-03113	00000/0000	2-20036/0046	11/07/76	0	9125	3848N 09926E	28.8	148.4	GGGG		
2655-04533	00000/0000	2-20036/0047	11/07/76	60	9126	4302N 07506E	25.5	150.7	GGGG		
2655-04592	00000/0000	2-20036/0048	11/07/76	30	9126	2303N 06901E	39.7	138.6	GGGG		
2655-06371	00000/0000	2-20036/0049	11/07/76	90	9127	4137N 04846E	26.6	150.0	GGGG		
2655-06374	00000/0000	2-20036/0050	11/07/76	90	9127	4012N 04816E	27.7	149.2	GGGG		
2655-06380	00000/0000	2-20036/0051	11/07/76	80	9127	3847N 04747E	28.7	148.4	GGGG		
2655-06383	00000/0000	2-20036/0052	11/07/76	10	9127	3722N 04718E	29.8	147.7	GGGG		
2655-06385	00000/0000	2-20036/0053	11/07/76	20	9127	3556N 04651E	30.8	146.9	GGGG		
2655-08162	00000/0000	2-20036/0626	11/07/76	100	9128	5542N 02917E	15.5	157.6	GGGG		
2655-08164	00000/0000	2-20036/0627	11/07/76	90	9128	5418N 02830E	16.6	156.8	GGGG		
2655-08171	00000/0000	2-20036/0628	11/07/76	90	9128	5254N 02745E	17.8	156.0	GGGG		
2655-08173	00000/0000	2-20036/0629	11/07/76	100	9128	5129N 02702E	18.9	155.2	GGGG		
2655-08180	00000/0000	2-20036/0630	11/07/76	100	9128	5005N 02622E	20.0	154.5	GGGG		

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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2655-08182	00000/0000	2-20036/0631	11/07/76	90	9128	4841N 02544E	21.1	153.7	GGGG		
2655-13265	00000/0000	2-20036/0054	11/07/76	90	9131	5255N 04940W	17.7	156.0	GGGG		
2655-13272	00000/0000	2-20036/0055	11/07/76	90	9131	5131N 05022W	18.8	155.2	GGGG		
2655-13274	00000/0000	2-20036/0056	11/07/76	80	9131	5008N 05102W	19.9	154.5	GGGG		
2655-13281	00000/0000	2-20036/0057	11/07/76	80	9131	4843N 05140W	21.0	153.7	GGGG		
2655-13283	00000/0000	2-20036/0058	11/07/76	70	9131	4719N 05217W	22.1	153.0	GGGG		
2655-13290	00000/0000	2-20036/0059	11/07/76	80	9131	4553N 05253W	23.2	152.2	GGGG		
2655-13292	00000/0000	2-20036/0060	11/07/76	80	9131	4428N 05326W	24.3	151.5	GGGG		
2655-13295	00000/0000	2-20036/0061	11/07/76	70	9131	4304N 05358W	25.4	150.8	GGGG		
2655-13301	00000/0000	2-20036/0062	11/07/76	50	9131	4139N 05429W	26.5	150.0	GGGG		
2655-16533	00000/0000	2-20036/0084	11/07/76	10	9133	5255N 10121W	17.6	156.0	GGGF		
2655-16535	00000/0000	2-20036/0085	11/07/76	10	9133	5131N 10204W	18.8	155.2	GGGG		
2655-19150	2-20037/1359	00000/0000	11/07/76	20	9134	7627S 17028E	19.1	81.0	GGG		
2655-19153	2-20037/1360	00000/0000	11/07/76	20	9134	7730S 16553E	18.0	85.1	G		
2656-00110	00000/0000	2-20036/0632	11/08/76	70	9137	3132S 13139E	49.6	78.1	GGGG		
2656-01342	00000/0000	2-20036/0633	11/08/76	10	9138	3721N 12321E	29.6	147.8	GGGF		
2656-01360	00000/0000	2-20036/0634	11/08/76	20	9138	3138N 12136E	33.7	144.5	FGGG		
2656-01363	00000/0000	2-20036/0635	11/08/76	40	9138	3012N 12111E	34.7	143.6	FGGG		
2656-01365	00000/0000	2-20036/0636	11/08/76	30	9138	2847N 12047E	35.7	142.7	GGGG		
2656-01372	00000/0000	2-20036/0637	11/08/76	60	9138	2721N 12024E	36.7	141.8	GGGG		
2656-03165	00000/0000	2-20036/0638	11/08/76	90	9139	4012N 09829E	27.4	149.3	GGGG		
2656-03171	00000/0000	2-20036/0639	11/08/76	40	9139	3847N 09800E	28.5	148.5	GGGG		
2656-03203	00000/0000	2-20036/0640	11/08/76	60	9139	2722N 09433E	36.7	141.8	GGGG		
2656-04591	00000/0000	2-20036/0223	11/08/76	10	9140	4302N 07340E	25.3	150.8	GGGG		
2656-06391	00000/0000	2-20036/0224	11/08/76	100	9141	5417N 05252E	16.4	156.8	GGGG		
2656-06393	00000/0000	2-20036/0225	11/08/76	100	9141	5253N 05207E	17.5	156.0	GGGG		
2656-06400	00000/0000	2-20036/0226	11/08/76	90	9141	5129N 05125E	18.6	155.3	GGGG		
2656-06414	00000/0000	2-20036/0227	11/08/76	10	9141	4550N 04856E	23.1	152.3	GGGG		
2656-06420	00000/0000	2-20036/0228	11/08/76	30	9141	4425N 04822E	24.2	151.6	GGGG		
2656-06423	00000/0000	2-20036/0229	11/08/76	80	9141	4301N 04750E	25.2	150.8	GGGG		
2656-06425	00000/0000	2-20036/0230	11/08/76	60	9141	4136N 04719E	26.3	150.1	GGGG		
2656-06432	00000/0000	2-20036/0063	11/08/76	90	9141	4011N 04649E	27.4	149.3	FGGG		
2656-06434	00000/0000	2-20036/0064	11/08/76	40	9141	3845N 04620E	28.5	148.6	GGGG		
2656-06441	00000/0000	2-20036/0065	11/08/76	10	9141	3721N 04552E	29.5	147.8	GGGG		
2656-06443	00000/0000	2-20036/0066	11/08/76	10	9141	3555N 04524E	30.6	147.0	GGGG		
2656-06450	00000/0000	2-20036/0067	11/08/76	30	9141	3430N 04458E	31.6	146.2	GGGG		

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OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2656-08222	00000/0000	2-20036/0068	11/08/76	100	9142	5417N 02705E	16.3	156.8	GGGG		
2656-08225	00000/0000	2-20036/0069	11/08/76	100	9142	5253N 02620E	17.5	156.0	GGGG		
2656-08231	00000/0000	2-20036/0070	11/08/76	90	9142	5130N 02538E	18.6	155.3	GGGG		
2656-08234	00000/0000	2-20036/0071	11/08/76	90	9142	5005N 02458E	19.7	154.5	GGGG		
2656-08240	00000/0000	2-20036/0072	11/08/76	90	9142	4841N 02419E	20.8	153.8	GGGG		
2656-08243	00000/0000	2-20036/0073	11/08/76	90	9142	4716N 02343E	21.9	153.0	GGGG		
2656-13321	00000/0000	2-20036/0086	11/08/76	90	9145	5419N 05021W	16.3	156.9	GGGG		
2656-13324	00000/0000	2-20036/0087	11/08/76	90	9145	5255N 05106W	17.4	156.1	GGGF		
2656-13330	00000/0000	2-20036/0088	11/08/76	60	9145	5131N 05149W	18.5	155.3	GGGG		
2656-13333	00000/0000	2-20036/0089	11/08/76	20	9145	5007N 05229W	19.6	154.5	GGGG		
2656-13335	00000/0000	2-20036/0090	11/08/76	10	9145	4842N 05308W	20.8	153.8	GGGG		
2656-13342	00000/0000	2-20036/0091	11/08/76	60	9145	4717N 05344W	21.9	153.1	GGGG		
2656-13344	00000/0000	2-20036/0092	11/08/76	90	9145	4553N 05418W	23.0	152.3	GGGG		
2656-13351	00000/0000	2-20036/0093	11/08/76	100	9145	4429N 05451W	24.1	151.6	GGGG		
2656-13353	00000/0000	2-20036/0094	11/08/76	90	9145	4303N 05524W	25.2	150.8	GGGG		
2656-13360	00000/0000	2-20036/0095	11/08/76	90	9145	4138N 05555W	26.2	150.1	GGGG		
2656-15153	00000/0000	2-20036/0096	11/08/76	90	9146	5419N 07614W	16.2	156.9	GGGG		
2656-15155	00000/0000	2-20036/0097	11/08/76	90	9146	5256N 07658W	17.4	156.1	GGGG		
2656-15162	00000/0000	2-20036/0098	11/08/76	70	9146	5132N 07740W	18.5	155.3	GGGG		
2656-15164	00000/0000	2-20036/0099	11/08/76	70	9146	5007N 07821W	19.6	154.5	GGGG		
2656-16593	00000/0000	2-20036/0100	11/08/76	10	9147	5132N 10325W	18.5	155.3	GGGG		
2657-01400	00000/0000	2-20036/0074	11/09/76	80	9152	3721N 12157E	29.3	147.9	GGGG		
2657-01403	00000/0000	2-20036/0075	11/09/76	40	9152	3555N 12130E	30.4	147.1	FGGG		
2657-01405	00000/0000	2-20036/0076	11/09/76	50	9152	3430N 12103E	31.4	146.3	FGGG		
2657-01412	00000/0000	2-20036/0077	11/09/76	30	9152	3304N 12037E	32.4	145.5	FGGG		
2657-01414	00000/0000	2-20036/0078	11/09/76	10	9152	3138N 12012E	33.4	144.6	FGGG		
2657-01421	00000/0000	2-20036/0079	11/09/76	30	9152	3012N 11947E	34.5	143.8	GGGG		
2657-01423	00000/0000	2-20036/0080	11/09/76	10	9152	2847N 11923E	35.4	142.9	GGGG		
2657-01430	00000/0000	2-20036/0081	11/09/76	10	9152	2721N 11859E	36.4	141.9	GGGG		
2657-01432	00000/0000	2-20036/0082	11/09/76	50	9152	2555N 11836E	37.4	141.0	GGGG		
2657-01435	00000/0000	2-20036/0083	11/09/76	50	9152	2429N 11813E	38.3	140.0	GGGG		
2657-03220	00000/0000	2-20036/0116	11/09/76	10	9153	4136N 09735E	26.1	150.2	FGGG		
2657-03232	00000/0000	2-20036/0117	11/09/76	20	9153	3720N 09608E	29.3	147.9	GGGG		
2657-03234	00000/0000	2-20036/0118	11/09/76	20	9153	3555N 09540E	30.3	147.1	GGGG		
2657-03241	00000/0000	2-20036/0119	11/09/76	10	9153	3429N 09514E	31.4	146.3	GGGG		
2657-03243	00000/0000	2-20036/0120	11/09/76	10	9153	3304N 09448E	32.4	145.5	FFFF		

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0024

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2657-03250	00000/0000	2-20036/0121	11/09/76	40	9153	3138N 09423E	33.4	144.6	GGGG		
2657-03252	00000/0000	2-20036/0122	11/09/76	40	9153	3012N 09358E	34.4	143.8	GGGG		
2657-03255	00000/0000	2-20036/0123	11/09/76	30	9153	2846N 09334E	35.4	142.9	GGGG		
2657-03261	00000/0000	2-20036/0124	11/09/76	70	9153	2720N 09310E	36.4	142.0	GGGG		
2657-03264	00000/0000	2-20036/0125	11/09/76	50	9153	2554N 09247E	37.4	141.0	GGGG		
2657-03270	00000/0000	2-20036/0126	11/09/76	20	9153	2428N 09224E	38.3	140.0	GGGG		
2657-03273	00000/0000	2-20036/0127	11/09/76	20	9153	2302N 09201E	39.3	139.0	GGGG		
2657-03284	00000/0000	2-20036/0128	11/09/76	10	9153	1843N 09056E	41.9	135.8	GGGG		
2657-05020	00000/0000	2-20036/0129	11/09/76	60	9154	5252N 07630E	17.2	156.1	GGGG		
2657-05022	00000/0000	2-20036/0130	11/09/76	60	9154	5128N 07548E	18.3	155.3	GGGG		
2657-05025	00000/0000	2-20036/0131	11/09/76	40	9154	5004N 07509E	19.5	154.6	GGGG		
2657-05031	00000/0000	2-20036/0132	11/09/76	20	9154	4839N 07431E	20.6	153.8	GGGG		
2657-05034	00000/0000	2-20036/0133	11/09/76	10	9154	4715N 07355E	21.7	153.1	GGGG		
2657-05040	00000/0000	2-20036/0134	11/09/76	20	9154	4550N 07320E	22.8	152.4	GGGG		
2657-05043	00000/0000	2-20036/0135	11/09/76	10	9154	4425N 07246E	23.9	151.6	GGGG		
2657-05045	00000/0000	2-20036/0136	11/09/76	20	9154	4300N 07214E	25.0	150.9	GGGG		
2657-05052	00000/0000	2-20036/0137	11/09/76	50	9154	4135N 07142E	26.1	150.2	GGGG		
2657-05054	00000/0000	2-20036/0138	11/09/76	50	9154	4010N 07112E	27.2	149.4	GGGG		
2657-05061	00000/0000	2-20036/0139	11/09/76	80	9154	3845N 07043E	28.2	148.7	GGGG		
2657-05063	00000/0000	2-20036/0140	11/09/76	80	9154	3720N 07014E	29.3	147.9	GGGG		
2657-05070	00000/0000	2-20036/0141	11/09/76	30	9154	3554N 06947E	30.3	147.1	GGGG		
2657-05072	00000/0000	2-20036/0142	11/09/76	10	9154	3429N 06920E	31.4	146.3	GGGG		
2657-05075	00000/0000	2-20036/0143	11/09/76	10	9154	3304N 06854E	32.4	145.5	GGGG		
2657-05081	00000/0000	2-20036/0144	11/09/76	0	9154	3138N 06829E	33.4	144.6	GGGG		
2657-05084	00000/0000	2-20036/0145	11/09/76	0	9154	3012N 06805E	34.4	143.8	GGGG		
2657-05090	00000/0000	2-20036/0146	11/09/76	0	9154	2846N 06740E	35.4	142.9	GGGG		
2657-05093	00000/0000	2-20036/0147	11/09/76	0	9154	2720N 06717E	36.4	142.0	GGGG		
2657-05095	00000/0000	2-20036/0148	11/09/76	0	9154	2554N 06653E	37.4	141.0	GGGG		
2657-05102	00000/0000	2-20036/0149	11/09/76	10	9154	2429N 06630E	38.3	140.0	GGGG		
2657-05104	00000/0000	2-20036/0150	11/09/76	10	9154	2302N 06608E	39.2	139.0	GGGG		
2657-05111	00000/0000	2-20036/0151	11/09/76	10	9154	2135N 06545E	40.2	138.0	GGGG		
2657-05113	00000/0000	2-20036/0152	11/09/76	10	9154	2009N 06524E	41.0	136.9	GGGG		
2657-05120	00000/0000	2-20036/0153	11/09/76	10	9154	1843N 06502E	41.9	135.8	GGGG		
2657-06445	00000/0000	2-20036/0210	11/09/76	90	9155	5416N 05127E	16.1	156.9	GGGG		
2657-06452	00000/0000	2-20036/0211	11/09/76	100	9155	5252N 05042E	17.2	156.1	GGGG		
2657-06454	00000/0000	2-20036/0212	11/09/76	90	9155	5128N 05000E	18.3	155.3	GGGG		

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0025

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2657-06472	00000/0000	2-20036/0213	11/09/76	10	9155	4550N	04731E	22.8	152.4	GGGG	
2657-06475	00000/0000	2-20036/0101	11/09/76	20	9155	4425N	04657E	23.9	151.6	GGGG	
2657-06481	00000/0000	2-20036/0102	11/09/76	30	9155	4300N	04625E	25.0	150.9	GGGG	
2657-06484	00000/0000	2-20036/0103	11/09/76	90	9155	4135N	04553E	26.1	150.2	GGGG	
2657-06490	00000/0000	2-20036/0104	11/09/76	20	9155	4010N	04523E	27.1	149.4	GGGG	
2657-06493	00000/0000	2-20036/0105	11/09/76	10	9155	3845N	04454E	28.2	148.7	GGGG	
2657-08292	00000/0000	2-20036/0106	11/09/76	90	9156	5007N	02332E	19.4	154.6	GGGG	
2657-08295	00000/0000	2-20036/0107	11/09/76	70	9156	4843N	02254E	20.5	153.9	GGGF	
2657-12180	00000/0000	2-20036/0108	11/09/76	10	9158	2550S	04852W	51.6	84.9	GGGG	
2657-12182	00000/0000	2-20036/0109	11/09/76	10	9158	2717S	04915W	51.2	83.2	GGGG	
2657-12185	00000/0000	2-20036/0110	11/09/76	10	9158	2842S	04939W	50.8	81.7	FFFF	
2657-13375	00000/0000	2-20036/0193	11/09/76	90	9159	5418N	05150W	16.0	156.9	FGGG	
2657-13382	00000/0000	2-20036/0194	11/09/76	90	9159	5253N	05235W	17.1	156.1	FGGG	
2657-13384	00000/0000	2-20036/0195	11/09/76	90	9159	5130N	05317W	18.2	155.3	GGGG	
2657-13391	00000/0000	2-20036/0196	11/09/76	90	9159	5006N	05357W	19.4	154.6	GGGG	
2657-13393	00000/0000	2-20036/0197	11/09/76	70	9159	4841N	05435W	20.5	153.9	FGGG	
2657-13400	00000/0000	2-20036/0198	11/09/76	90	9159	4717N	05511W	21.6	153.1	FGGG	
2657-13402	00000/0000	2-20036/0199	11/09/76	90	9159	4552N	05546W	22.7	152.4	GGGG	
2657-13405	00000/0000	2-20036/0200	11/09/76	80	9159	4426N	05620W	23.8	151.7	GGGG	
2657-13411	00000/0000	2-20036/0201	11/09/76	70	9159	4302N	05652W	24.9	150.9	GGGG	
2657-13414	00000/0000	2-20036/0202	11/09/76	70	9159	4137N	05722W	26.0	150.2	GGGG	
2657-17034	00000/0000	2-20036/0111	11/09/76	90	9161	5705N	10150W	13.7	158.5	GGGG	
2657-17040	00000/0000	2-20036/0112	11/09/76	90	9161	5542N	10240W	14.8	157.7	GGGG	
2657-17043	00000/0000	2-20036/0113	11/09/76	90	9161	5418N	10328W	15.9	156.9	GGGG	
2657-17045	00000/0000	2-20036/0114	11/09/76	90	9161	5254N	10413W	17.1	156.1	GGG	
2657-17052	00000/0000	2-20036/0115	11/09/76	70	9161	5130N	10455W	18.2	155.3	GGGG	
2658-01454	00000/0000	2-20036/0214	11/10/76	90	9166	3720N	12027E	29.0	148.0	GGGG	
2658-01461	00000/0000	2-20036/0215	11/10/76	90	9166	3554N	11959E	30.1	147.2	GGGG	
2658-01463	00000/0000	2-20036/0216	11/10/76	100	9166	3429N	11933E	31.1	146.4	FGGG	
2658-01470	00000/0000	2-20036/0217	11/10/76	100	9166	3303N	11907E	32.2	145.6	GGGG	
2658-01472	00000/0000	2-20036/0218	11/10/76	100	9166	3137N	11841E	33.2	144.8	GGGG	
2658-01484	00000/0000	2-20036/0219	11/10/76	20	9166	2720N	11729E	36.2	142.1	GGGG	
2658-01490	00000/0000	2-20036/0220	11/10/76	30	9166	2554N	11706E	37.1	141.2	GGGG	
2658-01493	00000/0000	2-20036/0221	11/10/76	10	9166	2429N	11643E	38.1	140.2	GGGG	
2658-01495	00000/0000	2-20036/0222	11/10/76	10	9166	2303N	11620E	39.0	139.2	GGGG	
2658-03275	00000/0000	2-20036/0154	11/10/76	10	9167	4135N	09607E	25.8	150.2	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0026

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2658-03281	00000/0000	2-20036/0155	11/10/76	10	9167	4010N	09537E	26.9	149.5	GGGG	
2658-03290	00000/0000	2-20036/0156	11/10/76	10	9167	3720N	09439E	29.0	148.0	GGGG	
2658-03293	00000/0000	2-20036/0157	11/10/76	20	9167	3555N	09412E	30.1	147.2	GGGG	
2658-03295	00000/0000	2-20036/0158	11/10/76	10	9167	3429N	09345E	31.1	146.4	GGGG	
2658-03302	00000/0000	2-20036/0159	11/10/76	10	9167	3304N	09319E	32.2	145.6	GGGG	
2658-03304	00000/0000	2-20036/0160	11/10/76	10	9167	3138N	09253E	33.2	144.8	GGGG	
2658-03311	00000/0000	2-20036/0161	11/10/76	0	9167	3012N	09229E	34.2	143.9	GGGG	
2658-03320	00000/0000	2-20036/0162	11/10/76	50	9167	2720N	09141E	36.2	142.1	GGGG	
2658-03322	00000/0000	2-20036/0163	11/10/76	30	9167	2555N	09118E	37.1	141.2	GGGG	
2658-03325	00000/0000	2-20036/0164	11/10/76	10	9167	2429N	09055E	38.1	140.2	GGGG	
2658-03331	00000/0000	2-20036/0165	11/10/76	10	9167	2302N	09032E	39.0	139.2	GGGG	
2658-03334	00000/0000	2-20036/0166	11/10/76	10	9167	2136N	09010E	39.9	138.2	GGGG	
2658-03340	00000/0000	2-20036/0167	11/10/76	70	9167	2010N	08948E	40.8	137.1	GGGG	
2658-03343	00000/0000	2-20036/0168	11/10/76	10	9167	1844N	08926E	41.7	136.0	PFFG	
2658-03345	00000/0000	2-20036/0169	11/10/76	10	9167	1718N	08905E	42.6	134.9	GGGF	
2658-05074	00000/0000	2-20036/0170	11/10/76	10	9168	5256N	07506E	16.9	156.2	GGGG	
2658-05081	00000/0000	2-20036/0171	11/10/76	10	9168	5132N	07424E	18.0	155.4	GGGG	
2658-05083	00000/0000	2-20036/0172	11/10/76	40	9168	5008N	07344E	19.1	154.7	GGGG	
2658-05090	00000/0000	2-20036/0173	11/10/76	50	9168	4843N	07306E	20.3	153.9	GGGG	
2658-05092	00000/0000	2-20036/0174	11/10/76	90	9168	4719N	07229E	21.4	153.2	GGGG	
2658-05095	00000/0000	2-20036/0175	11/10/76	80	9168	4554N	07154E	22.5	152.5	GGGG	
2658-05101	00000/0000	2-20036/0176	11/10/76	80	9168	4430N	07120E	23.6	151.7	GGGG	
2658-05104	00000/0000	2-20036/0177	11/10/76	80	9168	4305N	07048E	24.7	151.0	GFGG	
2658-05110	00000/0000	2-20036/0178	11/10/76	90	9168	4139N	07017E	25.8	150.3	GGGG	
2658-05113	00000/0000	2-20036/0179	11/10/76	80	9168	4013N	06947E	26.8	149.5	GGGG	
2658-05115	00000/0000	2-20036/0180	11/10/76	90	9168	3848N	06918E	27.9	148.8	GGGG	
2658-05122	00000/0000	2-20036/0181	11/10/76	90	9168	3723N	06850E	29.0	148.0	GGGG	
2658-05124	00000/0000	2-20036/0182	11/10/76	90	9168	3558N	06822E	30.0	147.2	GGGG	
2658-05133	00000/0000	2-20036/0183	11/10/76	0	9168	3307N	06729E	32.1	145.6	GGGG	
2658-05140	00000/0000	2-20036/0184	11/10/76	0	9168	3141N	06704E	33.1	144.8	GGGG	
2658-05142	00000/0000	2-20036/0185	11/10/76	0	9168	3016N	06639E	34.1	144.0	GGGG	
2658-05145	00000/0000	2-20036/0186	11/10/76	0	9168	2850N	06615E	35.1	143.1	GGGG	
2658-05151	00000/0000	2-20036/0187	11/10/76	0	9168	2723N	06551E	36.1	142.2	GGGG	
2658-05154	00000/0000	2-20036/0188	11/10/76	0	9168	2557N	06528E	37.1	141.2	GGGG	
2658-05160	00000/0000	2-20036/0189	11/10/76	0	9168	2431N	06505E	38.0	140.3	FFGG	
2658-05163	00000/0000	2-20036/0190	11/10/76	10	9168	2305N	06442E	39.0	139.3	FFGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 12/01/76 TO 12/31/76

PAGE 0027

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA	MSS IMAGE
						LAT	LONG					
2658-05165	00000/0000	2-20036/0191	11/10/76	10	9168	2139N	06420E	39.9	138.2	GGGF		
2658-05172	00000/0000	2-20036/0192	11/10/76	10	9168	2013N	06359E	40.8	137.2	GGGF		
2658-06492	00000/0000	2-20036/0249	11/10/76	90	9169	5829N	05233E	12.3	159.5	GGGG		
2658-06494	00000/0000	2-20036/0250	11/10/76	80	9169	5706N	05138E	13.5	158.6	GGGG		
2658-06501	00000/0000	2-20036/0251	11/10/76	30	9169	5542N	05048E	14.6	157.7	GGGG		
2658-06503	00000/0000	2-20036/0252	11/10/76	60	9169	5419N	05001E	15.8	156.9	GGGG		
2658-06510	00000/0000	2-20036/0253	11/10/76	90	9169	5255N	04917E	16.9	156.2	GGGG		
2658-06512	00000/0000	2-20036/0254	11/10/76	90	9169	5131N	04835E	18.0	155.4	GGGG		
2658-06515	00000/0000	2-20036/0255	11/10/76	100	9169	5007N	04755E	19.1	154.7	GGGG		
2658-06521	00000/0000	2-20036/0256	11/10/76	90	9169	4843N	04716E	20.3	153.9	GGGG		
2658-06524	00000/0000	2-20036/0257	11/10/76	90	9169	4719N	04640E	21.4	153.2	GGGG		
2658-06530	00000/0000	2-20036/0258	11/10/76	70	9169	4554N	04605E	22.5	152.5	GGGG		
2658-06533	00000/0000	2-20036/0259	11/10/76	70	9169	4429N	04532E	23.6	151.7	GGGG		
2658-06535	00000/0000	2-20036/0260	11/10/76	60	9169	4303N	04500E	24.7	151.0	GGGG		
2658-06542	00000/0000	2-20036/0261	11/10/76	60	9169	4139N	04429E	25.8	150.3	GGGG		
2658-06544	00000/0000	2-20036/0262	11/10/76	50	9169	4014N	04359E	26.8	149.5	GGGG		
2658-08321	00000/0000	2-20036/0263	11/10/76	90	9170	5951N	02740E	11.2	160.4	GGGG		
2658-08323	00000/0000	2-20036/0264	11/10/76	100	9170	5828N	02642E	12.3	159.5	GGGG		
2658-08330	00000/0000	2-20036/0265	11/10/76	90	9170	5705N	02549E	13.5	158.6	GGGG		
2658-08332	00000/0000	2-20036/0266	11/10/76	90	9170	5542N	02459E	14.6	157.7	GGGG		
2658-08335	00000/0000	2-20036/0232	11/10/76	90	9170	5419N	02411E	15.7	156.9	GGGG		
2658-08341	00000/0000	2-20036/0233	11/10/76	100	9170	5255N	02326E	16.9	156.2	GGGG		
2658-12225	00000/0000	2-20036/0234	11/10/76	10	9172	2259S	04932W	52.3	88.7	GGGG		
2658-12231	00000/0000	2-20036/0235	11/10/76	10	9172	2425S	04955W	52.0	87.0	GGGG		
2658-12234	00000/0000	2-20036/0236	11/10/76	30	9172	2551S	05018W	51.7	85.3	GGGG		
2658-13431	00000/0000	2-20036/0267	11/10/76	90	9173	5542N	05229W	14.6	157.7	FGGG		
2658-13434	00000/0000	2-20036/0268	11/10/76	90	9173	5418N	05316W	15.7	156.9	FGGF		
2658-13440	00000/0000	2-20036/0269	11/10/76	70	9173	5254N	05401W	16.8	156.1	FGGG		
2658-13443	00000/0000	2-20036/0270	11/10/76	50	9173	5130N	05443W	18.0	155.4	FGGG		
2658-13445	00000/0000	2-20036/0271	11/10/76	60	9173	5006N	05523W	19.1	154.6	GGGG		
2658-13452	00000/0000	2-20036/0272	11/10/76	80	9173	4841N	05601W	20.2	153.9	GGGG		
2658-13454	00000/0000	2-20036/0273	11/10/76	90	9173	4717N	05637W	21.3	153.2	GGGG		
2658-13461	00000/0000	2-20036/0274	11/10/76	50	9173	4552N	05712W	22.4	152.5	GGGG		
2658-13463	00000/0000	2-20036/0275	11/10/76	50	9173	4427N	05746W	23.5	151.7	GGGG		
2658-13470	00000/0000	2-20036/0276	11/10/76	40	9173	4302N	05818W	24.6	151.0	FGGG		
2658-13472	00000/0000	2-20036/0277	11/10/76	40	9173	4137N	05850W	25.7	150.3	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, '77

LANDSAT-2
OBSERVATION ID LISTING
F9R N9N-US
FROM 12/01/76 TO 12/31/76

PAGE 0028

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2658-17085	00000/0000	2-20036/0203	11/10/76	0	9175	5828N 10222W	12.3	159.4	GGGG		
2658-17092	00000/0000	2-20036/0204	11/10/76	10	9175	5705N 10317W	13.4	158.6	GGGG		
2658-17094	00000/0000	2-20036/0205	11/10/76	10	9175	5541N 10407W	14.5	157.7	GGGG		
2658-17101	00000/0000	2-20036/0206	11/10/76	10	9175	5417N 10455W	15.7	156.9	GGGG		
2658-17103	00000/0000	2-20036/0207	11/10/76	0	9175	5253N 10539W	16.8	156.2	GGGG		
2658-17110	00000/0000	2-20036/0208	11/10/76	20	9175	5129N 10621W	17.9	155.4	GGGG		
2658-17171	00000/0000	2-20036/0209	11/10/76	60	9175	3013N 11404W	34.0	144.0	GGGG		
2659-01510	00000/0000	2-20036/0237	11/11/76	50	9180	3845N 11929E	27.7	148.8	GGGG		
2659-01513	00000/0000	2-20036/0238	11/11/76	60	9180	3720N 11901E	28.8	148.1	GGGG		
2659-01515	00000/0000	2-20036/0239	11/11/76	50	9180	3554N 11833E	29.8	147.3	GGGG		
2659-01522	00000/0000	2-20036/0240	11/11/76	60	9180	3429N 11807E	30.9	146.5	GGGG		
2659-01524	00000/0000	2-20036/0241	11/11/76	90	9180	3304N 11740E	31.9	145.7	GGGG		
2659-01531	00000/0000	2-20036/0242	11/11/76	90	9180	3138N 11715E	32.9	144.9	GGGG		
2659-01533	00000/0000	2-20036/0243	11/11/76	80	9180	3012N 11651E	34.0	144.0	GGGG		
2659-01540	00000/0000	2-20036/0244	11/11/76	90	9180	2846N 11627E	35.0	143.2	GGGG		
2659-01542	00000/0000	2-20036/0245	11/11/76	100	9180	2720N 11603E	35.9	142.3	GGGG		
2659-01545	00000/0000	2-20036/0246	11/11/76	100	9180	2554N 11539E	36.9	141.3	GGGG		
2659-01551	00000/0000	2-20036/0247	11/11/76	100	9180	2428N 11516E	37.9	140.4	GGGG		
2659-01554	00000/0000	2-20036/0248	11/11/76	60	9180	2303N 11454E	38.8	139.4	GGGG		
2659-03324	00000/0000	2-20036/0294	11/11/76	0	9181	4429N 09544E	23.3	151.8	GGGG		
2659-03330	00000/0000	2-20036/0295	11/11/76	10	9181	4304N 09512E	24.4	151.1	GGGG		
2659-03333	00000/0000	2-20036/0296	11/11/76	10	9181	4139N 09441E	25.5	150.4	GGGG		
2659-03335	00000/0000	2-20036/0297	11/11/76	10	9181	4014N 09411E	26.6	149.6	GGGG		
2659-03342	00000/0000	2-20036/0298	11/11/76	10	9181	3849N 09343E	27.7	148.9	GGGG		
2659-03344	00000/0000	2-20036/0299	11/11/76	30	9181	3724N 09316E	28.7	148.1	GGGG		
2659-03351	00000/0000	2-20036/0300	11/11/76	10	9181	3558N 09248E	29.8	147.3	GGGG		
2659-03353	00000/0000	2-20036/0301	11/11/76	0	9181	3433N 09222E	30.8	146.6	GGGG		
2659-03360	00000/0000	2-20036/0302	11/11/76	0	9181	3307N 09155E	31.9	145.8	PPPP		
2659-03362	00000/0000	2-20036/0303	11/11/76	0	9181	3142N 09130E	32.9	144.9	GGGG		
2659-03365	00000/0000	2-20036/0304	11/11/76	0	9181	3016N 09105E	33.9	144.1	GGGG		
2659-03371	00000/0000	2-20036/0305	11/11/76	10	9181	2850N 09040E	34.9	143.2	GGGG		
2659-03374	00000/0000	2-20036/0306	11/11/76	40	9181	2724N 09017E	35.9	142.3	GGGG		
2659-03380	00000/0000	2-20036/0307	11/11/76	40	9181	2558N 08954E	36.9	141.4	GGGG		
2659-03383	00000/0000	2-20036/0308	11/11/76	10	9181	2432N 08931E	37.8	140.4	GGGG		
2659-03385	00000/0000	2-20036/0309	11/11/76	0	9181	2306N 08908E	38.7	139.4	GGGG		
2659-03392	00000/0000	2-20036/0310	11/11/76	10	9181	2139N 08845E	39.7	138.4	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0029

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS DATA MODE	MSS MSS IMAGE GAIN
						LAT	LONG					
2659-03394	00000/0000	2-20036/0311	11/11/76	10	9181	2013N	08823E	40.6	137.4	GGGG		
2659-05132	00000/0000	2-20036/0312	11/11/76	0	9182	5255N	07338E	16.6	156.2	GGGG		
2659-05135	00000/0000	2-20036/0313	11/11/76	10	9182	5131N	07256E	17.8	155.4	GGGG		
2659-05141	00000/0000	2-20036/0314	11/11/76	40	9182	5008N	07216E	18.9	154.7	GGGG		
2659-05144	00000/0000	2-20036/0315	11/11/76	50	9182	4842N	07139E	20.0	154.0	GGGG		
2659-05150	00000/0000	2-20036/0316	11/11/76	10	9182	4717N	07102E	21.1	153.2	GGGG		
2659-05153	00000/0000	2-20036/0317	11/11/76	80	9182	4553N	07027E	22.2	152.5	GGGG		
2659-05155	00000/0000	2-20036/0318	11/11/76	60	9182	4429N	06954E	23.3	151.8	GGGG		
2659-05162	00000/0000	2-20036/0319	11/11/76	30	9182	4304N	06921E	24.4	151.1	GGGG		
2659-05164	00000/0000	2-20036/0320	11/11/76	10	9182	4139N	06850E	25.5	150.4	GGGG		
2659-05171	00000/0000	2-20036/0321	11/11/76	30	9182	4014N	06820E	26.6	149.6	GGGG		
2659-05173	00000/0000	2-20036/0322	11/11/76	40	9182	3849N	06751E	27.7	148.9	GGGG		
2659-05180	00000/0000	2-20036/0323	11/11/76	60	9182	3723N	06723E	28.7	148.1	GGGG		
2659-05182	00000/0000	2-20036/0324	11/11/76	70	9182	3557N	06656E	29.8	147.4	GGGG		
2659-05185	00000/0000	2-20036/0325	11/11/76	10	9182	3432N	06629E	30.8	146.6	GGGG		
2659-05191	00000/0000	2-20036/0326	11/11/76	0	9182	3306N	06604E	31.9	145.8	GGGG		
2659-05194	00000/0000	2-20036/0327	11/11/76	0	9182	3140N	06538E	32.9	144.9	GGGG		
2659-05200	00000/0000	2-20036/0328	11/11/76	0	9182	3015N	06514E	33.9	144.1	GGGG		
2659-05203	00000/0000	2-20036/0329	11/11/76	0	9182	2849N	06449E	34.9	143.2	GGGG		
2659-05205	00000/0000	2-20036/0330	11/11/76	0	9182	2723N	06425E	35.9	142.3	GGGG		
2659-05212	00000/0000	2-20036/0331	11/11/76	0	9182	2557N	06402E	36.8	141.4	GGGG		
2659-05214	00000/0000	2-20036/0332	11/11/76	10	9182	2431N	06339E	37.8	140.4	GGGG		
2659-05221	00000/0000	2-20036/0333	11/11/76	10	9182	2305N	06316E	38.7	139.5	GGGG		
2659-05223	00000/0000	2-20036/0334	11/11/76	10	9182	2139N	06254E	39.7	138.4	GGGG		
2659-05230	00000/0000	2-20036/0335	11/11/76	10	9182	2013N	06232E	40.6	137.4	GGGG		
2659-06561	00000/0000	2-20036/0436	11/11/76	80	9183	5419N	04834E	15.5	157.0	GGGG		
2659-06564	00000/0000	2-20036/0437	11/11/76	90	9183	5255N	04749E	16.6	156.2	GGGG		
2659-06570	00000/0000	2-20036/0438	11/11/76	30	9183	5131N	04707E	17.7	155.4	GGGG		
2659-06573	00000/0000	2-20036/0439	11/11/76	10	9183	5007N	04628E	18.9	154.7	GGGG		
2659-06575	00000/0000	2-20036/0440	11/11/76	40	9183	4842N	04549E	20.0	154.0	GGG		
2659-06582	00000/0000	2-20036/0441	11/11/76	60	9183	4718N	04513E	21.1	153.2	GGGG		
2659-06584	00000/0000	2-20036/0442	11/11/76	100	9183	4553N	04439E	22.2	152.5	GGGG		
2659-06591	00000/0000	2-20036/0443	11/11/76	90	9183	4427N	04406E	23.3	151.8	GGFG		
2659-06593	00000/0000	2-20036/0444	11/11/76	30	9183	4302N	04334E	24.4	151.1	GGGG		
2659-08390	00000/0000	2-20036/0445	11/11/76	100	9184	5542N	02332E	14.3	157.8	GGGG		
2659-08393	00000/0000	2-20036/0446	11/11/76	100	9184	5419N	02245E	15.5	157.0	GGGG		

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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA	MSS MODE	MSS IMAGE GAIN
2659-12283	00000/0000	2-20036/0447	11/11/76	0	9186	2301S	05100W	52.4	89.1	GGFG		
2659-12290	00000/0000	2-20036/0448	11/11/76	30	9186	2428S	05121W	52.1	87.4	FGGG		
2659-13485	00000/0000	2-20036/0377	11/11/76	90	9187	5545N	05352W	14.3	157.8	FGGG		
2659-13492	00000/0000	2-20036/0378	11/11/76	80	9187	5421N	05440W	15.4	157.0	FGGG		
2659-13494	00000/0000	2-20036/0379	11/11/76	40	9187	5257N	05525W	16.5	156.2	FGGG		
2659-13501	00000/0000	2-20036/0380	11/11/76	50	9187	5133N	05607W	17.6	155.5	GGGG		
2659-13503	00000/0000	2-20036/0381	11/11/76	60	9187	5009N	05647W	18.8	154.7	GGGG		
2659-13510	00000/0000	2-20036/0382	11/11/76	40	9187	4844N	05725W	19.9	154.0	GGGG		
2659-13512	00000/0000	2-20036/0383	11/11/76	40	9187	4720N	05802W	21.0	153.3	GGGG		
2659-13515	00000/0000	2-20036/0384	11/11/76	30	9187	4555N	05837W	22.1	152.5	FGGG		
2659-13521	00000/0000	2-20036/0385	11/11/76	40	9187	4430N	05910W	23.2	151.8	GGGG		
2659-13524	00000/0000	2-20036/0386	11/11/76	40	9187	4305N	05943W	24.3	151.1	GGGG		
2659-13530	00000/0000	2-20036/0387	11/11/76	70	9187	4140N	06014W	25.4	150.4	GGGG		
2659-17134	00000/0000	2-20036/0231	11/11/76	0	9189	6116N	10148W	9.6	161.4	GGGG		
2659-17141	00000/0000	2-20036/0278	11/11/76	0	9189	5954N	10251W	10.8	160.4	G		
2659-17143	00000/0000	2-20036/0279	11/11/76	0	9189	5831N	10348W	11.9	159.5	GGGG		
2659-17150	00000/0000	2-20036/0280	11/11/76	0	9189	5708N	10441W	13.1	158.6	GGGG		
2659-17152	00000/0000	2-20036/0281	11/11/76	10	9189	5544N	10531W	14.2	157.8	GGGG		
2659-17155	00000/0000	2-20036/0282	11/11/76	20	9189	5420N	10618W	15.4	157.0	GGGG		
2659-17161	00000/0000	2-20036/0283	11/11/76	10	9189	5256N	10703W	16.5	156.2	GGGG		
2659-17164	00000/0000	2-20036/0284	11/11/76	0	9189	5133N	10746W	17.6	155.5	GGGG		
2659-17225	00000/0000	2-20036/0285	11/11/76	10	9189	3016N	11529W	33.8	144.2	GGGG		
2660-01553	00000/0000	2-20036/0449	11/12/76	50	9194	4302N	11934E	24.2	151.1	GGGG		
2660-01555	00000/0000	2-20036/0450	11/12/76	100	9194	4137N	11903E	25.3	150.4	GGGG		
2660-01562	00000/0000	2-20036/0451	11/12/76	100	9194	4012N	11833E	26.3	149.7	GGGG		
2660-01564	00000/0000	2-20036/0452	11/12/76	100	9194	3847N	11804E	27.4	149.0	FGGG		
2660-01571	00000/0000	2-20036/0453	11/12/76	100	9194	3721N	11736E	28.5	148.2	GGGG		
2660-01573	00000/0000	2-20036/0454	11/12/76	100	9194	3556N	11708E	29.5	147.4	GGGF		
2660-01580	00000/0000	2-20036/0455	11/12/76	100	9194	3431N	11641E	30.6	146.7	GGGF		
2660-01582	00000/0000	2-20036/0456	11/12/76	100	9194	3306N	11616E	31.6	145.9	GGGG		
2660-01585	00000/0000	2-20036/0457	11/12/76	100	9194	3140N	11551E	32.7	145.1	GGGG		
2660-01591	00000/0000	2-20036/0458	11/12/76	100	9194	3015N	11526E	33.7	144.2	GGGG		
2660-01594	00000/0000	2-20036/0459	11/12/76	90	9194	2849N	11501E	34.7	143.3	GGGG		
2660-02000	00000/0000	2-20036/0460	11/12/76	100	9194	2724N	11437E	35.7	142.5	GGGG		
2660-02003	00000/0000	2-20036/0461	11/12/76	90	9194	2558N	11414E	36.6	141.5	FGGG		
2660-02005	00000/0000	2-20036/0462	11/12/76	80	9194	2431N	11351E	37.6	140.6	FGGG		

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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, '77

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0031

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO. MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2660-02012	00000/0000	2-20036/0463	11/12/76	30	9194	2305N	11329E	38.5	139.6	GGGG		
2660-03375	00000/0000	2-20036/0336	11/12/76	0	9195	4552N	09452E	22.0	152.6	GFFG		
2660-03382	00000/0000	2-20036/0337	11/12/76	0	9195	4427N	09418E	23.1	151.9	GGGG		
2660-03384	00000/0000	2-20036/0338	11/12/76	0	9195	4302N	09346E	24.2	151.1	FGFG		
2660-03391	00000/0000	2-20036/0339	11/12/76	0	9195	4137N	09315E	25.3	150.4	GGGG		
2660-03393	00000/0000	2-20036/0340	11/12/76	20	9195	4012N	09245E	26.3	149.7	FGGF		
2660-03400	00000/0000	2-20036/0341	11/12/76	10	9195	3847N	09216E	27.4	149.0	FGGF		
2660-03402	00000/0000	2-20036/0342	11/12/76	60	9195	3722N	09148E	28.5	148.2	GGFF		
2660-03405	00000/0000	2-20036/0343	11/12/76	20	9195	3556N	09120E	29.5	147.5	GG G		
2660-03411	00000/0000	2-20036/0344	11/12/76	0	9195	3431N	09053E	30.6	146.7	GGFG		
2660-03423	00000/0000	2-20036/0345	11/12/76	10	9195	3015N	08937E	33.7	144.2	GGGG		
2660-03425	00000/0000	2-20036/0346	11/12/76	10	9195	2850N	08913E	34.7	143.4	GGGG		
2660-03432	00000/0000	2-20036/0347	11/12/76	40	9195	2724N	08849E	35.6	142.5	GGGG		
2660-03434	00000/0000	2-20036/0348	11/12/76	10	9195	2558N	08826E	36.6	141.5	GGGG		
2660-03441	00000/0000	2-20036/0349	11/12/76	10	9195	2431N	08804E	37.6	140.6	GGGG		
2660-03443	00000/0000	2-20036/0350	11/12/76	10	9195	2304N	08741E	38.5	139.6	GGGG		
2660-03450	00000/0000	2-20036/0351	11/12/76	20	9195	2138N	08719E	39.4	138.6	GGGG		
2660-03452	00000/0000	2-20036/0352	11/12/76	30	9195	2012N	08657E	40.3	137.6	GGGG		
2660-03455	00000/0000	2-20036/0353	11/12/76	30	9195	1845N	08635E	41.2	136.5	GGGF		
2660-03461	00000/0000	2-20036/0354	11/12/76	30	9195	1719N	08614E	42.1	135.4	GGGF		
2660-05190	00000/0000	2-20036/0355	11/12/76	10	9196	5254N	07213E	16.4	156.2	FGGG		
2660-05193	00000/0000	2-20036/0356	11/12/76	20	9196	5130N	07130E	17.5	155.5	GGGG		
2660-05195	00000/0000	2-20036/0357	11/12/76	60	9196	5006N	07049E	18.6	154.7	GFGG		
2660-05202	00000/0000	2-20036/0358	11/12/76	70	9196	4841N	07011E	19.7	154.0	GGFG		
2660-05204	00000/0000	2-20036/0359	11/12/76	10	9196	4717N	06934E	20.8	153.3	GGGG		
2660-05211	00000/0000	2-20036/0360	11/12/76	50	9196	4552N	06900E	21.9	152.6	FGGG		
2660-05213	00000/0000	2-20036/0361	11/12/76	90	9196	4427N	06827E	23.1	151.9	GGGG		
2660-05220	00000/0000	2-20036/0362	11/12/76	60	9196	4302N	06755E	24.1	151.2	FGGG		
2660-05222	00000/0000	2-20036/0363	11/12/76	60	9196	4137N	06725E	25.2	150.4	GGGG		
2660-05225	00000/0000	2-20036/0364	11/12/76	70	9196	4012N	06655E	26.3	149.7	GGGG		
2660-05231	00000/0000	2-20036/0365	11/12/76	50	9196	3848N	06626E	27.4	149.0	GGGG		
2660-05234	00000/0000	2-20036/0366	11/12/76	10	9196	3722N	06558E	28.5	148.2	GGGG		
2660-05240	00000/0000	2-20036/0367	11/12/76	0	9196	3557N	06530E	29.5	147.5	GGGG		
2660-05243	00000/0000	2-20036/0368	11/12/76	0	9196	3432N	06503E	30.6	146.7	GGGF		
2660-05245	00000/0000	2-20036/0369	11/12/76	0	9196	3307N	06437E	31.6	145.9	GGGG		
2660-05252	00000/0000	2-20036/0370	11/12/76	0	9196	3140N	06411E	32.6	145.1	GGGG		

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 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, '77

LANDSAT-2
OBSERVATION ID LISTING
FOR N9N=US
FROM 12/01/76 TO 12/31/76

PAGE 0032

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2660-05254	00000/0000	2-20036/0371	11/12/76	0	9196	3014N 06346E	33.6	144.2	GGGG		
2660-05261	00000/0000	2-20036/0372	11/12/76	0	9196	2848N 06322E	34.6	143.4	GGGG		
2660-05263	00000/0000	2-20036/0373	11/12/76	0	9196	2722N 06259E	35.6	142.5	GGGG		
2660-05270	00000/0000	2-20036/0374	11/12/76	10	9196	2556N 06235E	36.6	141.6	GGGG		
2660-05272	00000/0000	2-20036/0375	11/12/76	20	9196	2430N 06212E	37.6	140.6	GGGG		
2660-05275	00000/0000	2-20036/0376	11/12/76	10	9196	2304N 06150E	38.5	139.6	GGGG		
2660-07011	00000/0000	2-20036/0951	11/12/76	70	9197	5705N 04848E	12.9	158.6	GGGG		
2660-07013	00000/0000	2-20036/0952	11/12/76	40	9197	5542N 04758E	14.1	157.8	GGGG		
2660-07020	00000/0000	2-20036/0953	11/12/76	10	9197	5419N 04711E	15.2	157.0	GGGG		
2660-07022	00000/0000	2-20036/0954	11/12/76	0	9197	5255N 04626E	16.3	156.2	GGGG		
2660-07025	00000/0000	2-20036/0955	11/12/76	10	9197	5131N 04543E	17.5	155.5	GGGG		
2660-07031	00000/0000	2-20036/0956	11/12/76	50	9197	5006N 04503E	18.6	154.7	GGGG		
2660-07034	00000/0000	2-20036/0957	11/12/76	40	9197	4842N 04423E	19.7	154.0	GGGG		
2660-07040	00000/0000	2-20036/0419	11/12/76	90	9197	4717N 04346E	20.8	153.3	GGGG		
2660-07043	00000/0000	2-20036/0420	11/12/76	90	9197	4552N 04312E	21.9	152.6	FFGF		
2660-07045	00000/0000	2-20036/0421	11/12/76	40	9197	4426N 04239E	23.0	151.9	GGGG		
2660-07052	00000/0000	2-20036/0422	11/12/76	10	9197	4301N 04208E	24.1	151.2	GGGG		
2660-07054	00000/0000	2-20036/0423	11/12/76	0	9197	4136N 04137E	25.2	150.4	GFGG		
2660-08433	00000/0000	2-20036/0424	11/12/76	90	9198	5950N 02447E	10.6	160.4	GFGG		
2660-08440	00000/0000	2-20036/0425	11/12/76	90	9198	5827N 02350E	11.8	159.5	GFGG		
2660-08442	00000/0000	2-20036/0426	11/12/76	90	9198	5705N 02256E	12.9	158.6	GGGG		
2660-08445	00000/0000	2-20036/0427	11/12/76	90	9198	5541N 02206E	14.1	157.8	FGGG		
2660-08451	00000/0000	2-20036/0428	11/12/76	90	9198	5417N 02119E	15.2	157.0	GGGF		
2660-12341	00000/0000	2-20036/0429	11/12/76	10	9200	2258S 05225W	52.4	89.7	FFFF		
2660-12344	00000/0000	2-20036/0430	11/12/76	10	9200	2424S 05247W	52.1	87.9	FFFF		
2660-12350	00000/0000	2-20036/0431	11/12/76	30	9200	2549S 05310W	51.8	86.2	FGGG		
2660-12353	00000/0000	2-20036/0432	11/12/76	40	9200	2714S 05334W	51.4	84.6	GGGG		
2660-12355	00000/0000	2-20036/0433	11/12/76	10	9200	2841S 05357W	51.0	83.0	GGGG		
2660-12362	00000/0000	2-20036/0434	11/12/76	10	9200	3008S 05421W	50.6	81.4	GGGG		
2660-12382	00000/0000	2-20036/0435	11/12/76	30	9200	3715S 05632W	47.7	74.6	GGGF		
2660-13541	00000/0000	2-20036/0388	11/12/76	20	9201	5707N 05428W	12.8	158.6	GGGG		
2660-13543	00000/0000	2-20036/0389	11/12/76	70	9201	5543N 05519W	14.0	157.8	GGGG		
2660-13550	00000/0000	2-20036/0390	11/12/76	90	9201	5420N 05606W	15.1	157.0	GGGF		
2660-13552	00000/0000	2-20036/0391	11/12/76	60	9201	5256N 05651W	16.3	156.2	GGGG		
2660-13555	00000/0000	2-20036/0392	11/12/76	40	9201	5132N 05734W	17.4	155.5	GGFG		
2660-13561	00000/0000	2-20036/0393	11/12/76	70	9201	5007N 05814W	18.5	154.8	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0033

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN
2660-13564	00000/0000	2-20036/0394	11/12/76	90	9201	4842N 05852W	19.6	154.0	GGGG	
2660-13570	00000/0000	2-20036/0395	11/12/76	80	9201	4718N 05929W	20.7	153.3	GGGG	
2660-13573	00000/0000	2-20036/0396	11/12/76	80	9201	4553N 06003W	21.8	152.6	GGGG	
2660-13575	00000/0000	2-20036/0397	11/12/76	50	9201	4429N 06035W	22.9	151.9	GGGG	
2660-13582	00000/0000	2-20036/0398	11/12/76	90	9201	4304N 06107W	24.0	151.2	GGGG	
2660-13584	00000/0000	2-20036/0399	11/12/76	80	9201	4139N 06138W	25.1	150.5	GGGG	
2660-22550	00000/0000	2-20036/0400	11/12/76	40	9206	15131E 51.4	84.7		FFGG	
2660-22553	00000/0000	2-20036/0401	11/12/76	30	9206	2845S 15108E	51.0	83.1	GGGG	
2660-22555	00000/0000	2-20036/0402	11/12/76	20	9206	3010S 15043E	50.6	81.5	FFGG	
2660-22562	00000/0000	2-20036/0403	11/12/76	60	9206	3135S 15019E	50.1	80.0	GGGG	
2661-02011	00000/0000	2-20036/0404	11/13/76	40	9208	4302N 11809E	23.9	151.2	GGGG	
2661-02013	00000/0000	2-20036/0405	11/13/76	10	9208	4137N 11738E	25.0	150.5	GGGG	
2661-02020	00000/0000	2-20036/0406	11/13/76	10	9208	4012N 11708E	26.1	149.8	GGGG	
2661-02022	00000/0000	2-20036/0407	11/13/76	10	9208	3847N 11638E	27.2	149.0	GGGG	
2661-02025	00000/0000	2-20036/0408	11/13/76	10	9208	3722N 11610E	28.2	148.3	GGGG	
2661-02034	00000/0000	2-20036/0409	11/13/76	70	9208	3432N 11516E	30.3	146.8	GGGG	
2661-02040	00000/0000	2-20036/0410	11/13/76	80	9208	3306N 11450E	31.4	146.0	GGGG	
2661-02043	00000/0000	2-20036/0411	11/13/76	90	9208	3140N 11424E	32.4	145.2	GGGG	
2661-02045	00000/0000	2-20036/0412	11/13/76	90	9208	3015N 11400E	33.4	144.3	FFGG	
2661-02052	00000/0000	2-20036/0413	11/13/76	100	9208	2849N 11336E	34.4	143.5	GGGG	
2661-02054	00000/0000	2-20036/0414	11/13/76	100	9208	2723N 11313E	35.4	142.6	GGGG	
2661-02061	00000/0000	2-20036/0415	11/13/76	100	9208	2558N 11249E	36.4	141.7	GGGG	
2661-02063	00000/0000	2-20036/0416	11/13/76	100	9208	2431N 11227E	37.4	140.8	GGGG	
2661-02070	00000/0000	2-20036/0417	11/13/76	60	9208	2304N 11204E	38.3	139.8	GGGG	
2661-02072	00000/0000	2-20036/0418	11/13/76	30	9208	2138N 11142E	39.2	138.8	GGGG	
2661-03440	00000/0000	2-20036/0464	11/13/76	60	9209	4427N 09252E	22.8	151.9	GGGG	
2661-03443	00000/0000	2-20036/0465	11/13/76	60	9209	4302N 09220E	23.9	151.2	GGGG	
2661-03445	00000/0000	2-20036/0466	11/13/76	10	9209	4137N 09149E	25.0	150.5	GGGG	
2661-03452	00000/0000	2-20036/0467	11/13/76	10	9209	4012N 09119E	26.1	149.8	GGGG	
2661-03454	00000/0000	2-20036/0468	11/13/76	0	9209	3848N 09050E	27.2	149.0	GGGG	
2661-03461	00000/0000	2-20036/0469	11/13/76	30	9209	3723N 09021E	28.2	148.3	GGGG	
2661-03463	00000/0000	2-20036/0470	11/13/76	30	9209	3558N 08954E	29.3	147.5	GGGG	
2661-03470	00000/0000	2-20036/0471	11/13/76	10	9209	3432N 08927E	30.3	146.8	GGGG	
2661-03472	00000/0000	2-20036/0472	11/13/76	0	9209	3306N 08901E	31.4	146.0	GGGG	
2661-03475	00000/0000	2-20036/0473	11/13/76	0	9209	3140N 08835E	32.4	145.2	GGGG	
2661-03481	00000/0000	2-20036/0474	11/13/76	0	9209	3014N 08810E	33.4	144.3	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2661-03484	00000/0000 2-20036/0475	11/13/76	0	9209	2848N	08747E	34.4	143.5	GGGG		
2661-03490	00000/0000 2-20036/0476	11/13/76	20	9209	2722N	08723E	35.4	142.6	GGGG		
2661-03493	00000/0000 2-20036/0477	11/13/76	0	9209	2556N	08700E	36.4	141.7	GGGG		
2661-03495	00000/0000 2-20036/0478	11/13/76	0	9209	2430N	08637E	37.3	140.8	GGGG		
2661-03502	00000/0000 2-20036/0479	11/13/76	0	9209	2304N	08614E	38.3	139.8	GGGG		
2661-03504	00000/0000 2-20036/0480	11/13/76	10	9209	2138N	08552E	39.2	138.8	FGGG		
2661-03511	00000/0000 2-20036/0481	11/13/76	10	9209	2012N	08530E	40.1	137.8	GGGG		
2661-03513	00000/0000 2-20036/0482	11/13/76	10	9209	1845N	08509E	41.0	136.7	GGGG		
2661-03520	00000/0000 2-20036/0483	11/13/76	20	9209	1719N	08447E	41.9	135.6	GGGG		
2661-03522	00000/0000 2-20036/0484	11/13/76	20	9209	1553N	08426E	42.7	134.4	GGGG		
2661-03525	00000/0000 2-20036/0485	11/13/76	20	9209	1426N	08405E	43.6	133.2	GGGG		
2661-03531	00000/0000 2-20036/0486	11/13/76	30	9209	1300N	08344E	44.4	132.0	GGGG		
2661-03534	00000/0000 2-20036/0487	11/13/76	30	9209	1134N	08324E	45.1	130.7	GGGG		
2661-03540	00000/0000 2-20036/0488	11/13/76	40	9209	1008N	08304E	45.9	129.4	GGGG		
2661-05245	00000/0000 2-20036/0489	11/13/76	90	9210	5254N	07046E	16.1	156.3	GGGG		
2661-05251	00000/0000 2-20036/0490	11/13/76	50	9210	5130N	07003E	17.2	155.5	GGGG		
2661-05254	00000/0000 2-20036/0491	11/13/76	10	9210	5006N	06923E	18.3	154.8	GGGG		
2661-05263	00000/0000 2-20036/0492	11/13/76	10	9210	4717N	06809E	20.6	153.3	GGGG		
2661-05265	00000/0000 2-20036/0493	11/13/76	10	9210	4552N	06735E	21.7	152.6	GGGG		
2661-05272	00000/0000 2-20036/0494	11/13/76	50	9210	4427N	06702E	22.8	151.9	GGGG		
2661-05274	00000/0000 2-20036/0495	11/13/76	90	9210	4302N	06629E	23.9	151.2	GGGG		
2661-05281	00000/0000 2-20036/0496	11/13/76	80	9210	4137N	06558E	25.0	150.5	GGGG		
2661-05283	00000/0000 2-20036/0497	11/13/76	10	9210	4012N	06528E	26.1	149.8	GGFG		
2661-05290	00000/0000 2-20036/0498	11/13/76	0	9210	3846N	06459E	27.1	149.1	GGGG		
2661-05292	00000/0000 2-20036/0499	11/13/76	0	9210	3721N	06431E	28.2	148.3	GGGG		
2661-05295	00000/0000 2-20036/0500	11/13/76	0	9210	3555N	06403E	29.3	147.6	GGGG		
2661-05301	00000/0000 2-20036/0501	11/13/76	0	9210	3429N	06336E	30.3	146.8	GGGG		
2661-05304	00000/0000 2-20036/0502	11/13/76	0	9210	3304N	06310E	31.3	146.0	GGGG		
2661-05310	00000/0000 2-20036/0503	11/13/76	10	9210	3138N	06245E	32.4	145.2	GGGG		
2661-05313	00000/0000 2-20036/0504	11/13/76	70	9210	3012N	06220E	33.4	144.3	FGGG		
2661-05315	00000/0000 2-20036/0505	11/13/76	10	9210	2847N	06156E	34.4	143.5	GGGG		
2661-05322	00000/0000 2-20036/0506	11/13/76	0	9210	2721N	06132E	35.4	142.6	GGGG		
2661-05324	00000/0000 2-20036/0507	11/13/76	10	9210	2555N	06109E	36.4	141.7	GGGG		
2661-05331	00000/0000 2-20036/0508	11/13/76	10	9210	2429N	06047E	37.3	140.8	FGGF		
2661-07065	00000/0000 2-20036/0958	11/13/76	100	9211	5705N	04720E	12.7	158.6	GGGG		
2661-07071	00000/0000 2-20036/0959	11/13/76	100	9211	5542N	04630E	13.8	157.8	GGGG		

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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

PAGE 0035

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2661-07074	00000/0000	2-20036/0960	11/13/76	50	9211	5418N 04543E	14.9	157.0	GGGG		
2661-07080	00000/0000	2-20036/0961	11/13/76	10	9211	5254N 04458E	16.1	156.3	GGGG		
2661-07083	00000/0000	2-20036/0962	11/13/76	10	9211	5130N 04416E	17.2	155.5	GGGG		
2661-07085	00000/0000	2-20036/0963	11/13/76	70	9211	5006N 04336E	18.3	154.8	GGGG		
2661-07092	00000/0000	2-20036/0964	11/13/76	100	9211	4841N 04257E	19.5	154.1	GGGG		
2661-07094	00000/0000	2-20036/0922	11/13/76	100	9211	4716N 04221E	20.6	153.3	GGGG		
2661-07101	00000/0000	2-20036/0923	11/13/76	40	9211	4551N 04146E	21.7	152.6	GGGG		
2661-07103	00000/0000	2-20036/0924	11/13/76	10	9211	4427N 04113E	22.8	151.9	FFFF		
2661-08505	00000/0000	2-20036/0925	11/13/76	90	9212	5417N 01950E	14.9	157.0	GGGG		
2661-12434	00000/0000	2-20036/0926	11/13/76	10	9214	3552S 05731W	48.5	76.2	GGGG		
2661-12440	00000/0000	2-20036/0927	11/13/76	10	9214	3717S 05758W	47.9	74.9	GGGG		
2661-12443	00000/0000	2-20036/0928	11/13/76	10	9214	3843S 05827W	47.2	73.7	FGGG		
2661-13595	00000/0000	2-20036/0544	11/13/76	80	9215	5706N 05556W	12.6	158.7	FGGG		
2661-14002	00000/0000	2-20036/0545	11/13/76	90	9215	5543N 05646W	13.7	157.8	FGGG		
2661-14004	00000/0000	2-20036/0546	11/13/76	60	9215	5420N 05734W	14.9	157.0	GGGG		
2661-14011	00000/0000	2-20036/0547	11/13/76	60	9215	5255N 05820W	16.0	156.3	GGGP		
2661-14013	00000/0000	2-20036/0548	11/13/76	80	9215	5131N 05902W	17.1	155.5	GGGG		
2661-14020	00000/0000	2-20036/0549	11/13/76	30	9215	5007N 05942W	18.2	154.8	GGGG		
2661-14022	00000/0000	2-20036/0550	11/13/76	60	9215	4843N 06019W	19.4	154.1	GGGG		
2661-14025	00000/0000	2-20036/0551	11/13/76	60	9215	4718N 06055W	20.5	153.4	GGGG		
2661-14031	00000/0000	2-20036/0552	11/13/76	50	9215	4553N 06130W	21.6	152.7	GGGG		
2661-14034	00000/0000	2-20036/0553	11/13/76	40	9215	4428N 06203W	22.7	152.0	GGGG		
2661-14040	00000/0000	2-20036/0554	11/13/76	50	9215	4303N 06236W	23.8	151.2	GGGG		
2661-14043	00000/0000	2-20036/0555	11/13/76	50	9215	4138N 06307W	24.9	150.5	GGGG		
2661-22595	00000/0000	2-20036/0929	11/13/76	50	9220	2426S 15052E	52.2	88.5	GGGG		
2661-23002	00000/0000	2-20036/0930	11/13/76	30	9220	2552S 15029E	51.9	86.8	GGGG		
2661-23004	00000/0000	2-20036/0931	11/13/76	10	9220	2716S 15005E	51.5	85.2	FGGG		
2661-23011	00000/0000	2-20036/0932	11/13/76	0	9220	2842S 14941E	51.1	83.5	FGGG		
2662-00454	00000/0000	2-20036/0933	11/14/76	60	9221	3301S 12239E	49.7	79.1	GGGG		
2662-02065	00000/0000	2-20036/0934	11/14/76	10	9222	4302N 11643E	23.7	151.3	GGGG		
2662-02072	00000/0000	2-20036/0935	11/14/76	0	9222	4137N 11611E	24.7	150.6	GGGG		
2662-02074	00000/0000	2-20036/0936	11/14/76	30	9222	4012N 11541E	25.8	149.8	GGGG		
2662-02081	00000/0000	2-20036/0937	11/14/76	10	9222	3847N 11511E	26.9	149.1	GGGG		
2662-02083	00000/0000	2-20036/0938	11/14/76	0	9222	3721N 11443E	28.0	148.4	GGGG		
2662-02090	00000/0000	2-20036/0939	11/14/76	0	9222	3556N 11415E	29.0	147.6	GGGG		
2662-02092	00000/0000	2-20036/0940	11/14/76	0	9222	3430N 11348E	30.1	146.9	GGGG		

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LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 12/01/76 TO 12/31/76

PAGE 0036

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS 123 45678	MSS MSS DATA IMAGE MODE GAIN
2662-02095	00000/0000	2-20036/0941	11/14/76	10	9222	3305N	11322E	31.1	146.1	FGGG	
2662-02101	00000/0000	2-20036/0942	11/14/76	10	9222	3139N	11257E	32.2	145.3	FGGG	
2662-02104	00000/0000	2-20036/0943	11/14/76	20	9222	3013N	11233E	33.2	144.5	GGGG	
2662-02110	00000/0000	2-20036/0944	11/14/76	40	9222	2847N	11209E	34.2	143.6	GGGG	
2662-02113	00000/0000	2-20036/0945	11/14/76	30	9222	2722N	11146E	35.2	142.7	GGGG	
2662-02115	00000/0000	2-20036/0946	11/14/76	30	9222	2556N	11123E	36.2	141.8	GGGG	
2662-02122	00000/0000	2-20036/0947	11/14/76	90	9222	2430N	11101E	37.1	140.9	GGGG	
2662-02124	00000/0000	2-20036/0948	11/14/76	90	9222	2303N	11038E	38.1	139.9	GGGG	
2662-02131	00000/0000	2-20036/0949	11/14/76	90	9222	2137N	11015E	39.0	139.0	GGGG	
2662-02133	00000/0000	2-20036/0950	11/14/76	90	9222	2011N	10954E	39.9	137.9	GGGG	
2662-03494	00000/0000	2-20036/0556	11/14/76	30	9223	4426N	09127E	22.5	152.0	GGGG	
2662-03501	00000/0000	2-20036/0557	11/14/76	50	9223	4301N	09055E	23.6	151.3	GGGG	
2662-03503	00000/0000	2-20036/0558	11/14/76	60	9223	4136N	09024E	24.7	150.6	GGGG	
2662-03510	00000/0000	2-20036/0559	11/14/76	90	9223	4011N	08954E	25.8	149.8	FGGG	
2662-03512	00000/0000	2-20036/0560	11/14/76	70	9223	3846N	08924E	26.9	149.1	GGGG	
2662-03515	00000/0000	2-20036/0561	11/14/76	40	9223	3721N	08855E	28.0	148.4	FFGF	
2662-03521	00000/0000	2-20036/0562	11/14/76	10	9223	3556N	08828E	29.0	147.6	GGGG	
2662-03524	00000/0000	2-20036/0563	11/14/76	0	9223	3431N	08801E	30.1	146.9	GGGG	
2662-03530	00000/0000	2-20036/0564	11/14/76	0	9223	3306N	08736E	31.1	146.1	FGGG	
2662-03533	00000/0000	2-20036/0565	11/14/76	10	9223	3141N	08711E	32.1	145.3	GGGG	
2662-03535	00000/0000	2-20036/0566	11/14/76	10	9223	3015N	08647E	33.2	144.5	GGGG	
2662-03542	00000/0000	2-20036/0567	11/14/76	0	9223	2848N	08622E	34.2	143.6	GGGG	
2662-03544	00000/0000	2-20036/0568	11/14/76	10	9223	2722N	08559E	35.2	142.7	GGGG	
2662-03551	00000/0000	2-20036/0569	11/14/76	0	9223	2556N	08535E	36.1	141.8	GGGG	
2662-03553	00000/0000	2-20036/0570	11/14/76	10	9223	2429N	08512E	37.1	140.9	FGGG	
2662-03560	00000/0000	2-20036/0571	11/14/76	0	9223	2304N	08449E	38.1	140.0	GGGG	
2662-03562	00000/0000	2-20036/0572	11/14/76	0	9223	2138N	08426E	39.0	139.0	GGGG	
2662-03565	00000/0000	2-20036/0573	11/14/76	0	9223	2012N	08404E	39.9	137.9	GGGG	
2662-03571	00000/0000	2-20036/0574	11/14/76	10	9223	1846N	08342E	40.8	136.9	GGGG	
2662-03574	00000/0000	2-20036/0575	11/14/76	10	9223	1719N	08320E	41.7	135.8	GGGG	
2662-03580	00000/0000	2-20036/0576	11/14/76	20	9223	1552N	08300E	42.5	134.6	GGGG	
2662-03583	00000/0000	2-20036/0577	11/14/76	20	9223	1425N	08239E	43.4	133.5	GGGG	
2662-03585	00000/0000	2-20036/0578	11/14/76	20	9223	1259N	08218E	44.2	132.2	GGGG	
2662-05303	00000/0000	2-20036/0579	11/14/76	30	9224	5253N	06918E	15.8	156.3	GGGG	
2662-05305	00000/0000	2-20036/0580	11/14/76	70	9224	5129N	06837E	17.0	155.5	GGGG	
2662-05312	00000/0000	2-20036/0581	11/14/76	50	9224	5005N	06757E	18.1	154.8	GGGG	

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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2662-05314	00000/0000	2-20036/0582	11/14/76	70	9224	4841N 06719E	19.2	154.1	GGGG		
2662-05321	00000/0000	2-20036/0583	11/14/76	90	9224	4717N 06643E	20.3	153.4	FGGG		
2662-05323	00000/0000	2-20036/0584	11/14/76	70	9224	4552N 06608E	21.4	152.7	GGGG		
2662-05330	00000/0000	2-20036/0585	11/14/76	30	9224	4427N 06535E	22.5	152.0	GGGG		
2662-05332	00000/0000	2-20036/0586	11/14/76	30	9224	4303N 06503E	23.6	151.3	GGFF		
2662-05335	00000/0000	2-20036/0587	11/14/76	20	9224	4137N 06432E	24.7	150.6	PGGG		
2662-05341	00000/0000	2-20036/0588	11/14/76	10	9224	4012N 06402E	25.8	149.9	GGGG		
2662-05344	00000/0000	2-20036/0589	11/14/76	0	9224	3847N 06333E	26.9	149.1	GGGG		
2662-05350	00000/0000	2-20036/0590	11/14/76	10	9224	3721N 06305E	28.0	148.4	FGFG		
2662-05353	00000/0000	2-20036/0591	11/14/76	10	9224	3556N 06237E	29.0	147.6	FGGG		
2662-05355	00000/0000	2-20036/0592	11/14/76	0	9224	3430N 06210E	30.1	146.9	FGGG		
2662-05362	00000/0000	2-20036/0593	11/14/76	0	9224	3305N 06144E	31.1	146.1	GGGG		
2662-05364	00000/0000	2-20036/0594	11/14/76	0	9224	3139N 06119E	32.1	145.3	GGGG		
2662-05371	00000/0000	2-20036/0595	11/14/76	0	9224	3013N 06054E	33.1	144.5	GGGG		
2662-05373	00000/0000	2-20036/0596	11/14/76	0	9224	2847N 06030E	34.2	143.6	GGGG		
2662-05380	00000/0000	2-20036/0597	11/14/76	0	9224	2721N 06006E	35.1	142.7	GGGG		
2662-05382	00000/0000	2-20036/0598	11/14/76	10	9224	2555N 05943E	36.1	141.8	FGGG		
2662-07125	00000/0000	2-20036/0965	11/14/76	100	9225	5540N 04502E	13.5	157.8	GGGG		
2662-07132	00000/0000	2-20036/0966	11/14/76	100	9225	5417N 04415E	14.7	157.0	GGGG		
2662-07134	00000/0000	2-20036/0967	11/14/76	100	9225	5253N 04331E	15.8	156.3	GGGG		
2662-07141	00000/0000	2-20036/0968	11/14/76	90	9225	5129N 04249E	16.9	155.5	GGGG		
2662-07143	00000/0000	2-20036/0969	11/14/76	100	9225	5005N 04209E	18.1	154.8	GGGG		
2662-07150	00000/0000	2-20036/0970	11/14/76	100	9225	4841N 04130E	19.2	154.1	GGGG		
2662-07152	00000/0000	2-20036/0971	11/14/76	90	9225	4716N 04054E	20.3	153.4	GGGG		
2662-07155	00000/0000	2-20036/0972	11/14/76	10	9225	4552N 04020E	21.4	152.7	GGGG		
2662-07161	00000/0000	2-20036/0973	11/14/76	0	9225	4427N 03947E	22.5	152.0	FGGG		
2662-12481	00000/0000	2-20036/0599	11/14/76	10	9228	3135S 05739W	50.2	80.7	GGGG		
2662-12490	00000/0000	2-20036/0600	11/14/76	10	9228	3426S 05831W	49.2	77.8	GGGG		
2662-12492	00000/0000	2-20036/0601	11/14/76	40	9228	3551S 05857W	48.6	76.5	GGGG		
2662-12495	00000/0000	2-20036/0602	11/14/76	70	9228	3717S 05924W	48.0	75.3	GGGG		
2662-12501	00000/0000	2-20036/0603	11/14/76	40	9228	3842S 05952W	47.3	74.1	GGGG		
2662-14053	00000/0000	2-20036/0641	11/14/76	70	9229	5706N 05723W	12.3	158.7	GGGG		
2662-14060	00000/0000	2-20036/0642	11/14/76	90	9229	5543N 05814W	13.5	157.8	GGGG		
2662-14062	00000/0000	2-20036/0643	11/14/76	90	9229	5420N 05901W	14.6	157.1	GGG		
2662-14065	00000/0000	2-20036/0644	11/14/76	40	9229	5257N 05944W	15.7	156.3	GGG		
2662-14071	00000/0000	2-20036/0645	11/14/76	60	9229	5133N 06026W	16.9	155.6	FGGG		

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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2662-14074	00000/0000	2-20036/0646	11/14/76	90	9229	5008N 06106W	18.0	154.8	GGGG		
2662-14080	00000/0000	2-20036/0647	11/14/76	100	9229	4843N 06144W	19.1	154.1	GGG		
2662-14083	00000/0000	2-20036/0648	11/14/76	90	9229	4718N 06221W	20.2	153.4	GGGG		
2662-14085	00000/0000	2-20036/0649	11/14/76	90	9229	4553N 06256W	21.3	152.7	GGGG		
2662-14092	00000/0000	2-20036/0650	11/14/76	100	9229	4428N 06330W	22.4	152.0	GGGG		
2662-14094	00000/0000	2-20036/0651	11/14/76	100	9229	4303N 06402W	23.5	151.3	GGGG		
2662-14101	00000/0000	2-20036/0652	11/14/76	90	9229	4138N 06433W	24.6	150.6	GGGG		
2662-17393	00000/0000	2-20036/0653	11/14/76	50	9231	3141N 11922W	32.0	145.3	GGGG		
2662-23060	00000/0000	2-20036/0604	11/14/76	90	9234	2552S 14903E	51.9	87.2	GGGG		
2662-23063	00000/0000	2-20036/0605	11/14/76	90	9234	2718S 14840E	51.6	85.6	GGFG		
2662-23065	00000/0000	2-20036/0606	11/14/76	70	9234	2844S 14816E	51.2	83.9	FFFF		
2662-23090	00000/0000	2-20036/0607	11/14/76	70	9234	3552S 14608E	48.6	76.7	GGGG		
2662-23092	00000/0000	2-20036/0608	11/14/76	90	9234	3717S 14541E	48.0	75.4	GGGG		
2663-00510	00000/0000	2-20036/0609	11/15/76	0	9235	3136S 12138E	50.3	80.9	GGGG		
2663-00512	00000/0000	2-20036/0610	11/15/76	50	9235	3301S 12113E	49.8	79.4	GGGG		
2663-02130	00000/0000	2-20036/0611	11/15/76	30	9236	4135N 11445E	24.5	150.6	GGGG		
2663-02132	00000/0000	2-20036/0612	11/15/76	90	9236	4011N 11415E	25.6	149.9	GGGG		
2663-02135	00000/0000	2-20036/0613	11/15/76	80	9236	3846N 11345E	26.7	149.2	GGGG		
2663-02141	00000/0000	2-20036/0614	11/15/76	70	9236	3721N 11317E	27.7	148.5	GGGG		
2663-02144	00000/0000	2-20036/0615	11/15/76	90	9236	3556N 11250E	28.8	147.7	GGGG		
2663-02150	00000/0000	2-20036/0616	11/15/76	100	9236	3430N 11224E	29.8	147.0	GGGG		
2663-02153	00000/0000	2-20036/0617	11/15/76	100	9236	3305N 11159E	30.9	146.2	GGGG		
2663-02155	00000/0000	2-20036/0618	11/15/76	100	9236	3140N 11133E	31.9	145.4	GGG		
2663-02162	00000/0000	2-20036/0619	11/15/76	100	9236	3014N 11109E	32.9	144.6	GGGG		
2663-02164	00000/0000	2-20036/0620	11/15/76	100	9236	2848N 11045E	33.9	143.7	GGGG		
2663-02171	00000/0000	2-20036/0621	11/15/76	100	9236	2723N 11021E	34.9	142.9	GGGG		
2663-02173	00000/0000	2-20036/0622	11/15/76	100	9236	2556N 10957E	35.9	142.0	GGGG		
2663-02180	00000/0000	2-20036/0623	11/15/76	100	9236	2430N 10934E	36.9	141.1	GGGG		
2663-02182	00000/0000	2-20036/0624	11/15/76	100	9236	2303N 10912E	37.8	140.1	GGGG		
2663-02185	00000/0000	2-20036/0625	11/15/76	90	9236	2137N 10849E	38.8	139.1	GGGG		
2663-03534	00000/0000	2-20036/0654	11/15/76	10	9237	5006N 09222E	17.8	154.8	GGGG		
2663-03541	00000/0000	2-20036/0655	11/15/76	10	9237	4842N 09143E	19.0	154.1	PGFF		
2663-03543	00000/0000	2-20036/0656	11/15/76	10	9237	4717N 09107E	20.1	153.4	GGGG		
2663-03550	00000/0000	2-20036/0657	11/15/76	30	9237	4552N 09032E	21.2	152.7	GGGG		
2663-03552	00000/0000	2-20036/0658	11/15/76	30	9237	4427N 08959E	22.3	152.0	GGFG		
2663-03555	00000/0000	2-20036/0659	11/15/76	10	9237	4302N 08928E	23.4	151.3	GGGG		

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OBSERVATION ID LISTING
FOR N9N-US
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2663-03561	00000/0000	2-20036/0660	11/15/76	10	9237	4137N 08857E	24.5	150.6	GGGF		
2663-03564	00000/0000	2-20036/0661	11/15/76	20	9237	4012N 08827E	25.6	149.9	GGGG		
2663-03570	00000/0000	2-20036/0662	11/15/76	40	9237	3847N 08758E	26.6	149.2	GGGF		
2663-03573	00000/0000	2-20036/0663	11/15/76	60	9237	3721N 08729E	27.7	148.5	GGGG		
2663-03575	00000/0000	2-20036/0664	11/15/76	40	9237	3556N 08702E	28.8	147.7	GGGG		
2663-03582	00000/0000	2-20036/0665	11/15/76	10	9237	3431N 08635E	29.8	147.0	GGGG		
2663-03584	00000/0000	2-20036/0666	11/15/76	0	9237	3305N 08610E	30.9	146.2	GGGG		
2663-03591	00000/0000	2-20036/0667	11/15/76	0	9237	3138N 08544E	31.9	145.4	GGGG		
2663-03593	00000/0000	2-20036/0668	11/15/76	10	9237	3012N 08520E	32.9	144.6	GGGG		
2663-04000	00000/0000	2-20036/0669	11/15/76	10	9237	2847N 08455E	33.9	143.7	GGGG		
2663-04002	00000/0000	2-20036/0670	11/15/76	10	9237	2722N 08431E	34.9	142.9	FGGG		
2663-04005	00000/0000	2-20036/0671	11/15/76	0	9237	2556N 08407E	35.9	142.0	FGGG		
2663-04020	00000/0000	2-20036/0672	11/15/76	0	9237	2137N 08259E	38.8	139.1	GGGG		
2663-04023	00000/0000	2-20036/0673	11/15/76	0	9237	2010N 08237E	39.7	138.1	FGFF		
2663-04025	00000/0000	2-20036/0674	11/15/76	10	9237	1844N 08215E	40.6	137.1	FGGG		
2663-04032	00000/0000	2-20036/0675	11/15/76	10	9237	1718N 08154E	41.5	136.0	FGGG		
2663-04034	00000/0000	2-20036/0676	11/15/76	10	9237	1551N 08133E	42.3	134.8	FFGG		
2663-04043	00000/0000	2-20036/0677	11/15/76	40	9237	1300N 08052E	44.0	132.5	GGGG		
2663-05361	00000/0000	2-20036/0678	11/15/76	90	9238	5252N 06755E	15.6	156.3	GGGG		
2663-05370	00000/0000	2-20036/0679	11/15/76	70	9238	5005N 06633E	17.8	154.8	GGGF		
2663-05373	00000/0000	2-20036/0680	11/15/76	90	9238	4841N 06555E	18.9	154.1	GGGF		
2663-05375	00000/0000	2-20036/0681	11/15/76	90	9238	4716N 06519E	20.1	153.4	GGGG		
2663-05382	00000/0000	2-20036/0682	11/15/76	40	9238	4552N 06444E	21.2	152.7	FGGG		
2663-05384	00000/0000	2-20036/0683	11/15/76	0	9238	4427N 06411E	22.3	152.0	FGGG		
2663-05391	00000/0000	2-20036/0684	11/15/76	10	9238	4302N 06339E	23.4	151.3	FGFG		
2663-05393	00000/0000	2-20036/0685	11/15/76	10	9238	4137N 06307E	24.5	150.6	FGGG		
2663-05400	00000/0000	2-20036/0686	11/15/76	10	9238	4012N 06237E	25.6	149.9	FGFG		
2663-05402	00000/0000	2-20036/0687	11/15/76	10	9238	3846N 06207E	26.6	149.2	FGFF		
2663-05405	00000/0000	2-20036/0688	11/15/76	10	9238	3721N 06139E	27.7	148.5	FFGG		
2663-05411	00000/0000	2-20036/0689	11/15/76	10	9238	3555N 06112E	28.8	147.7	FFGG		
2663-05414	00000/0000	2-20036/0690	11/15/76	0	9238	3430N 06045E	29.8	147.0	FGGG		
2663-05420	00000/0000	2-20036/0691	11/15/76	0	9238	3304N 06020E	30.9	146.2	FGGG		
2663-05423	00000/0000	2-20036/0692	11/15/76	0	9238	3139N 05954E	31.9	145.4	FGGG		
2663-05425	00000/0000	2-20036/0693	11/15/76	10	9238	3013N 05930E	32.9	144.6	FGGG		
2663-05432	00000/0000	2-20036/0694	11/15/76	0	9238	2847N 05905E	33.9	143.7	PGGG		
2663-05434	00000/0000	2-20036/0695	11/15/76	20	9238	2721N 05841E	34.9	142.9	PGGG		

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LANDSAT-2
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2663-05441	00000/0000	2-20036/0696	11/15/76	10	9238	2555N	05818E	35.9	142.0	PGGP		
2663-07181	00000/0000	2-20036/0697	11/15/76	100	9239	5704N	04427E	12.1	158.7	GGGG		
2663-07184	00000/0000	2-20036/0698	11/15/76	90	9239	5541N	04337E	13.3	157.8	GGGG		
2663-07190	00000/0000	2-20036/0699	11/15/76	100	9239	5418N	04249E	14.4	157.1	GGGG		
2663-07193	00000/0000	2-20036/0700	11/15/76	90	9239	5254N	04205E	15.6	156.3	GGGG		
2663-07204	00000/0000	2-20036/0701	11/15/76	100	9239	4841N	04004E	18.9	154.1	GGGG		
2663-07211	00000/0000	2-20036/0702	11/15/76	100	9239	4716N	03928E	20.0	153.4	GGGG		
2663-07213	00000/0000	2-20036/0703	11/15/76	50	9239	4551N	03853E	21.2	152.7	GGGG		
2663-07220	00000/0000	2-20036/0704	11/15/76	10	9239	4426N	03819E	22.3	152.0	FGGG		
2663-12535	00000/0000	2-20036/1653	11/15/76	10	9242	3136S	05905W	50.3	81.1	FFFF		
2663-12541	00000/0000	2-20036/1654	11/15/76	40	9242	3302S	05931W	49.8	79.6	FFFF		
2663-12544	00000/0000	2-20036/1655	11/15/76	70	9242	3427S	05956W	49.3	78.2	GGGG		
2663-12550	00000/0000	2-20036/1656	11/15/76	90	9242	3552S	06023W	48.7	76.9	FFFF		
2663-12555	00000/0000	2-20036/1657	11/15/76	100	9242	3843S	06118W	47.4	74.4	GGGG		
2663-12562	00000/0000	2-20036/1658	11/15/76	100	9242	4008S	06147W	46.8	73.2	GGGG		
2663-23135	00000/0000	2-20036/0744	11/15/76	10	9248	3301S	14535E	49.8	79.8	GGGG		
2663-23141	00000/0000	2-20036/0745	11/15/76	20	9248	3426S	14509E	49.3	78.4	GGGG		
2663-23144	00000/0000	2-20036/0746	11/15/76	60	9248	3551S	14443E	48.7	77.0	GGGG		
2663-23150	00000/0000	2-20036/0747	11/15/76	90	9248	3717S	14416E	48.1	75.8	GGGG		
2664-00564	00000/0000	2-20036/0748	11/16/76	30	9249	3137S	12010E	50.4	81.3	GGGG		
2664-00570	00000/0000	2-20036/0749	11/16/76	0	9249	3302S	11945E	49.9	79.8	GGGG		
2664-00573	00000/0000	2-20036/0750	11/16/76	20	9249	3428S	11919E	49.3	78.4	GGGG		
2664-02184	00000/0000	2-20036/0751	11/16/76	50	9250	4137N	11320E	24.2	150.7	GGGF		
2664-02191	00000/0000	2-20036/0752	11/16/76	70	9250	4012N	11249E	25.3	150.0	GGGG		
2664-02193	00000/0000	2-20036/0753	11/16/76	90	9250	3847N	11220E	26.4	149.3	GGGG		
2664-02200	00000/0000	2-20036/0754	11/16/76	80	9250	3721N	11152E	27.5	148.5	GGGG		
2664-02202	00000/0000	2-20036/0755	11/16/76	80	9250	3555N	11125E	28.5	147.8	GGGG		
2664-02205	00000/0000	2-20036/0756	11/16/76	100	9250	3430N	11058E	29.6	147.0	GGGF		
2664-02211	00000/0000	2-20036/0757	11/16/76	100	9250	3304N	11032E	30.6	146.3	GGGF		
2664-02225	00000/0000	2-20036/0758	11/16/76	100	9250	2722N	10855E	34.7	143.0	GGGF		
2664-02232	00000/0000	2-20036/0759	11/16/76	100	9250	2555N	10831E	35.7	142.1	GGGG		
2664-02234	00000/0000	2-20036/0760	11/16/76	100	9250	2428N	10807E	36.7	141.2	GGGG		
2664-02241	00000/0000	2-20036/0761	11/16/76	100	9250	2302N	10744E	37.6	140.2	FGFG		
2664-03590	00000/0000	2-20036/0762	11/16/76	60	9251	5128N	09137E	16.5	155.6	FGGG		
2664-03593	00000/0000	2-20036/0763	11/16/76	40	9251	5004N	09057E	17.6	154.9	FGFF		
2664-03595	00000/0000	2-20036/0764	11/16/76	70	9251	4840N	09018E	18.7	154.2	FGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0041

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2664-04002	00000/0000	2-20036/0765	11/16/76	50	9251	4715N 08941E	19.8	153.5	GGGG		
2664-04004	00000/0000	2-20036/0766	11/16/76	50	9251	4551N 08907E	20.9	152.8	GGGG		
2664-04011	00000/0000	2-20036/0767	11/16/76	30	9251	4426N 08833E	22.0	152.1	GGGG		
2664-04013	00000/0000	2-20036/0768	11/16/76	0	9251	4302N 08801E	23.1	151.4	FFGG		
2664-04020	00000/0000	2-20036/0769	11/16/76	0	9251	4137N 08730E	24.2	150.7	FGGG		
2664-04022	00000/0000	2-20036/0770	11/16/76	10	9251	4012N 08659E	25.3	150.0	FGFG		
2664-04025	00000/0000	2-20036/0771	11/16/76	10	9251	3847N 08630E	26.4	149.3	FGGG		
2664-04031	00000/0000	2-20036/0772	11/16/76	0	9251	3721N 08602E	27.5	148.5	FGGF		
2664-04034	00000/0000	2-20036/0773	11/16/76	10	9251	3556N 08535E	28.5	147.8	FGFF		
2664-04040	00000/0000	2-20036/0774	11/16/76	0	9251	3430N 08508E	29.6	147.0	FGGG		
2664-04043	00000/0000	2-20036/0775	11/16/76	0	9251	3305N 08442E	30.6	146.3	FFGG		
2664-04045	00000/0000	2-20036/0776	11/16/76	0	9251	3138N 08416E	31.7	145.5	FGGG		
2664-04052	00000/0000	2-20036/0777	11/16/76	10	9251	3012N 08351E	32.7	144.7	FGGG		
2664-04054	00000/0000	2-20036/0778	11/16/76	10	9251	2846N 08327E	33.7	143.8	FGGG		
2664-04061	00000/0000	2-20036/0779	11/16/76	10	9251	2720N 08304E	34.7	143.0	FGGF		
2664-04063	00000/0000	2-20036/0780	11/16/76	0	9251	2554N 08241E	35.7	142.1	FGFG		
2664-04070	00000/0000	2-20036/0781	11/16/76	0	9251	2428N 08218E	36.6	141.2	FGGG		
2664-04072	00000/0000	2-20036/0782	11/16/76	0	9251	2303N 08155E	37.6	140.3	FGGG		
2664-04075	00000/0000	2-20036/0783	11/16/76	10	9251	2136N 08132E	38.5	139.3	FGGG		
2664-04081	00000/0000	2-20036/0784	11/16/76	10	9251	2010N 08110E	39.5	138.3	FGFG		
2664-04084	00000/0000	2-20036/0785	11/16/76	20	9251	1843N 08048E	40.4	137.2	FGGG		
2664-04090	00000/0000	2-20036/0786	11/16/76	30	9251	1718N 08027E	41.2	136.1	FGGG		
2664-04093	00000/0000	2-20036/0787	11/16/76	30	9251	1552N 08006E	42.1	135.0	FGGG		
2664-04095	00000/0000	2-20036/0788	11/16/76	80	9251	1425N 07945E	42.9	133.9	GGFG		
2664-04102	00000/0000	2-20036/0789	11/16/76	80	9251	1259N 07925E	43.8	132.7	GGGF		
2664-05410	00000/0000	2-20036/0790	11/16/76	40	9252	5540N 06803E	13.0	157.8	GGGG		
2664-05413	00000/0000	2-20036/0791	11/16/76	50	9252	5417N 06717E	14.2	157.1	FGFF		
2664-05415	00000/0000	2-20036/0792	11/16/76	90	9252	5253N 06632E	15.3	156.3	GGGG		
2664-05422	00000/0000	2-20036/0793	11/16/76	50	9252	5129N 06549E	16.4	155.6	GGGG		
2664-05424	00000/0000	2-20036/0794	11/16/76	50	9252	5005N 06508E	17.6	154.9	GGGG		
2664-05431	00000/0000	2-20036/0795	11/16/76	50	9252	4841N 06430E	18.7	154.2	FGGG		
2664-05433	00000/0000	2-20036/0796	11/16/76	40	9252	4716N 06352E	19.8	153.5	FGGG		
2664-05440	00000/0000	2-20036/0797	11/16/76	20	9252	4551N 06317E	20.9	152.8	FGGF		
2664-05442	00000/0000	2-20036/0798	11/16/76	10	9252	4426N 06243E	22.0	152.1	FPFG		
2664-05445	00000/0000	2-20036/0799	11/16/76	0	9252	4301N 06211E	23.1	151.4	FGFG		
2664-05451	00000/0000	2-20036/0800	11/16/76	0	9252	4136N 06140E	24.2	150.7	FGFF		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0042

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN RSLC MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2664-05454	00000/0000	2-20036/0801	11/16/76	0	9252	4011N 06109E	25.3	150.0	FFGG		
2664-05460	00000/0000	2-20036/0802	11/16/76	10	9252	3846N 06040E	26.4	149.3	FFGG		
2664-05463	00000/0000	2-20036/0803	11/16/76	0	9252	3720N 06012E	27.5	148.5	GGFF		
2664-05465	00000/0000	2-20036/0804	11/16/76	0	9252	3554N 05944E	28.5	147.8	GGGF		
2664-05472	00000/0000	2-20036/0805	11/16/76	10	9252	3428N 05918E	29.6	147.1	FFGG		
2664-05474	00000/0000	2-20036/0806	11/16/76	10	9252	3303N 05852E	30.6	146.3	FGGG		
2664-05481	00000/0000	2-20036/0807	11/16/76	10	9252	3138N 05827E	31.6	145.5	FFFF		
2664-05483	00000/0000	2-20036/0808	11/16/76	30	9252	3012N 05803E	32.7	144.7	GFGR		
2664-05490	00000/0000	2-20036/0809	11/16/76	30	9252	2846N 05739E	33.7	143.9	FFGF		
2664-05492	00000/0000	2-20036/0810	11/16/76	10	9252	2721N 05715E	34.7	143.0	GGGF		
2664-07235	00000/0000	2-20036/1140	11/16/76	90	9253	5703N 04303E	11.9	158.7	GGGG		
2664-07242	00000/0000	2-20036/1141	11/16/76	90	9253	5540N 04213E	13.0	157.8	GGGG		
2664-07244	00000/0000	2-20036/1142	11/16/76	100	9253	5416N 04126E	14.2	157.1	GGGG		
2664-07251	00000/0000	2-20036/1143	11/16/76	100	9253	5253N 04042E	15.3	156.3	GGGG		
2664-07253	00000/0000	2-20036/1144	11/16/76	100	9253	5129N 03959E	16.4	155.6	GGGG		
2664-07260	00000/0000	2-20036/1145	11/16/76	100	9253	5005N 03919E	17.6	154.9	GGGG		
2664-07262	00000/0000	2-20036/1146	11/16/76	100	9253	4840N 03840E	18.7	154.2	GGGG		
2664-07265	00000/0000	2-20036/1147	11/16/76	100	9253	4716N 03804E	19.8	153.5	GGGG		
2664-07271	00000/0000	2-20036/1148	11/16/76	90	9253	4551N 03729E	20.9	152.8	GGGG		
2664-07274	00000/0000	2-20036/1149	11/16/76	30	9253	4427N 03655E	22.0	152.1	GGGG		
2664-12593	00000/0000	2-20036/1150	11/16/76	90	9256	3137S 06031W	50.4	81.4	GGGG		
2664-13000	00000/0000	2-20036/1151	11/16/76	100	9256	3302S 06057W	49.9	80.0	FFFF		
2664-13002	00000/0000	2-20036/1152	11/16/76	100	9256	3428S 06122W	49.4	78.6	GGGG		
2664-13005	00000/0000	2-20036/1153	11/16/76	100	9256	3554S 06149W	48.8	77.2	GGGG		
2664-13011	00000/0000	2-20036/1154	11/16/76	100	9256	3719S 06217W	48.2	75.9	FFFF		
2664-13014	00000/0000	2-20036/1155	11/16/76	100	9256	3844S 06245W	47.5	74.7	FFFF		
2664-13020	00000/0000	2-20036/1156	11/16/76	100	9256	4010S 06314W	46.9	73.6	FFFF		
2664-14193	00000/0000	2-20036/0739	11/16/76	60	9257	4842N 06435W	18.6	154.2	GGGG		
2664-14213	00000/0000	2-20036/0740	11/16/76	60	9257	4138N 06724W	24.1	150.7	GGGG		
2664-14220	00000/0000	2-20036/0741	11/16/76	80	9257	4013N 06754W	25.2	150.0	GGGG		
2664-14222	00000/0000	2-20036/0742	11/16/76	80	9257	3847N 06823W	26.3	149.3	GGGG		
2664-16095	00000/0000	2-20036/0743	11/16/76	100	9258	2429N 09824W	36.5	141.3	GGGG		
2664-23200	00000/0000	2-20036/0849	11/16/76	50	9262	3428S 14343E	49.4	78.7	GGGG		
2664-23202	00000/0000	2-20036/0850	11/16/76	50	9262	3553S 14317E	48.8	77.4	GGGG		
2664-23205	00000/0000	2-20036/0851	11/16/76	70	9262	3719S 14249E	48.2	76.1	GGGG		
2665-01020	00000/0000	2-20036/0852	11/17/76	30	9263	3012S 11910E	50.9	83.2	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 12/01/76 TO 12/31/76

PAGE 0043

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2665-01022	00000/0000	2-20036/0853	11/17/76	30	9263	3137S 11845E	50.4	81.6	GGGG		
2665-01025	00000/0000	2-20036/0854	11/17/76	40	9263	3302S 11819E	49.9	80.2	GGGG		
2665-01031	00000/0000	2-20036/0855	11/17/76	60	9263	3428S 11753E	49.4	78.7	GGGG		
2665-02245	00000/0000	2-20036/0856	11/17/76	10	9264	4012N 11123E	25.1	150.0	GGGG		
2665-02251	00000/0000	2-20036/0857	11/17/76	0	9264	3846N 11054E	26.2	149.3	GGGG		
2665-02254	00000/0000	2-20036/0858	11/17/76	0	9264	3721N 11026E	27.2	148.6	GGGG		
2665-02260	00000/0000	2-20036/0859	11/17/76	0	9264	3556N 10959E	28.3	147.9	GGGG		
2665-02263	00000/0000	2-20036/0860	11/17/76	10	9264	3430N 10932E	29.4	147.1	GGGG		
2665-02265	00000/0000	2-20036/0861	11/17/76	50	9264	3304N 10907E	30.4	146.4	GGGG		
2665-02272	00000/0000	2-20036/0862	11/17/76	60	9264	3138N 10842E	31.4	145.6	GGGG		
2665-02274	00000/0000	2-20036/0863	11/17/76	90	9264	3013N 10816E	32.5	144.8	GGGG		
2665-02281	00000/0000	2-20036/0864	11/17/76	100	9264	2847N 10751E	33.5	144.0	GGGG		
2665-02283	00000/0000	2-20036/0865	11/17/76	100	9264	2721N 10727E	34.5	143.1	GGGG		
2665-02290	00000/0000	2-20036/0866	11/17/76	90	9264	2555N 10704E	35.5	142.2	GGGG		
2665-04044	00000/0000	2-20037/0209	11/17/76	80	9265	5128N 09011E	16.2	155.6	GGGG		
2665-04051	00000/0000	2-20037/0210	11/17/76	70	9265	5004N 08931E	17.3	154.9	GGGG		
2665-04053	00000/0000	2-20037/0211	11/17/76	90	9265	4840N 08853E	18.5	154.2	GGGG		
2665-04060	00000/0000	2-20037/0212	11/17/76	90	9265	4714N 08816E	19.6	153.5	GGGG		
2665-04062	00000/0000	2-20037/0213	11/17/76	90	9265	4549N 08741E	20.7	152.8	GGGG		
2665-04065	00000/0000	2-20037/0214	11/17/76	80	9265	4424N 08708E	21.8	152.1	GGGG		
2665-04071	00000/0000	2-20037/0215	11/17/76	10	9265	4259N 08636E	22.9	151.4	GGGG		
2665-04074	00000/0000	2-20037/0216	11/17/76	10	9265	4134N 08604E	24.0	150.7	GGGG		
2665-04080	00000/0000	2-20037/0217	11/17/76	0	9265	4009N 08534E	25.1	150.0	GGGG		
2665-04083	00000/0000	2-20037/0218	11/17/76	0	9265	3844N 08506E	26.1	149.3	GGGG		
2665-04085	00000/0000	2-20037/0219	11/17/76	0	9265	3719N 08437E	27.2	148.6	GGGG		
2665-04092	00000/0000	2-20037/0220	11/17/76	0	9265	3553N 08410E	28.3	147.9	GGGG		
2665-04094	00000/0000	2-20037/0221	11/17/76	0	9265	3429N 08343E	29.3	147.1	GGGG		
2665-04101	00000/0000	2-20037/0222	11/17/76	0	9265	3304N 08317E	30.4	146.4	GGGG		
2665-04103	00000/0000	2-20037/0223	11/17/76	10	9265	3139N 08251E	31.4	145.6	GGGG		
2665-04110	00000/0000	2-20037/0224	11/17/76	10	9265	3013N 08227E	32.4	144.8	GGGG		
2665-04112	00000/0000	2-20037/0225	11/17/76	40	9265	2847N 08202E	33.5	144.0	GGGG		
2665-04115	00000/0000	2-20037/0226	11/17/76	60	9265	2722N 08138E	34.5	143.1	GGGG		
2665-04121	00000/0000	2-20037/0227	11/17/76	70	9265	2555N 08115E	35.4	142.2	GGGG		
2665-04124	00000/0000	2-20037/0228	11/17/76	40	9265	2429N 08052E	36.4	141.3	GGGG		
2665-04130	00000/0000	2-20037/0229	11/17/76	60	9265	2304N 08030E	37.4	140.4	GGGG		
2665-04133	00000/0000	2-20037/0230	11/17/76	50	9265	2138N 08007E	38.3	139.4	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR N9N-US
FROM 12/01/76 TO 12/31/76

PAGE 0044

OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2665-04135	00000/0000 2-20037/0231	11/17/76	30	9265	2011N 07945E	39.2	138.4	GGGG		
2665-04142	00000/0000 2-20037/0232	11/17/76	80	9265	1844N 07923E	40.1	137.4	GGGG		
2665-04144	00000/0000 2-20037/0233	11/17/76	90	9265	1717N 07901E	41.0	136.3	GGGG		
2665-04151	00000/0000 2-20037/0234	11/17/76	90	9265	1551N 07840E	41.9	135.2	GGGG		
2665-04153	00000/0000 2-20037/0235	11/17/76	70	9265	1425N 07819E	42.7	134.1	GGGG		
2665-04160	00000/0000 2-20037/0236	11/17/76	30	9265	1258N 07759E	43.6	132.9	GGGG		
2665-04162	00000/0000 2-20037/0237	11/17/76	20	9265	1132N 07739E	44.4	131.7	GGGG		
2665-04165	00000/0000 2-20036/0867	11/17/76	50	9265	1006N 07719E	45.1	130.4	GGGG		
2665-05471	00000/0000 2-20037/0238	11/17/76	90	9266	5417N 06547E	13.9	157.1	GGGF		
2665-05473	00000/0000 2-20037/0239	11/17/76	60	9266	5253N 06503E	15.1	156.3	GGGG		
2665-05480	00000/0000 2-20037/0240	11/17/76	50	9266	5129N 06420E	16.2	155.6	GGGG		
2665-05482	00000/0000 2-20037/0241	11/17/76	40	9266	5005N 06340E	17.3	154.9	GGGG		
2665-05485	00000/0000 2-20037/0242	11/17/76	10	9266	4840N 06302E	18.4	154.2	GGGG		
2665-05491	00000/0000 2-20037/0243	11/17/76	60	9266	4715N 06226E	19.6	153.5	GGGG		
2665-05494	00000/0000 2-20037/0244	11/17/76	30	9266	4551N 06151E	20.7	152.8	GGGG		
2665-05500	00000/0000 2-20037/0245	11/17/76	30	9266	4426N 06118E	21.8	152.1	GGGG		
2665-05503	00000/0000 2-20037/0246	11/17/76	10	9266	4301N 06045E	22.9	151.4	GGGG		
2665-05505	00000/0000 2-20037/0247	11/17/76	10	9266	4135N 06014E	24.0	150.7	GGGG		
2665-05512	00000/0000 2-20037/0248	11/17/76	0	9266	4010N 05944E	25.1	150.0	GGGG		
2665-05514	00000/0000 2-20037/0249	11/17/76	0	9266	3845N 05915E	26.1	149.3	FGGG		
2665-05521	00000/0000 2-20037/0250	11/17/76	0	9266	3720N 05847E	27.2	148.6	GGGG		
2665-05523	00000/0000 2-20037/0251	11/17/76	0	9266	3555N 05819E	28.3	147.9	GGGG		
2665-05530	00000/0000 2-20037/0252	11/17/76	0	9266	3430N 05753E	29.3	147.1	GGGG		
2665-05532	00000/0000 2-20037/0253	11/17/76	10	9266	3304N 05727E	30.4	146.4	FGGG		
2665-05535	00000/0000 2-20037/0254	11/17/76	10	9266	3138N 05702E	31.4	145.6	GGGG		
2665-05541	00000/0000 2-20037/0255	11/17/76	30	9266	3011N 05638E	32.4	144.8	GGGG		
2665-05544	00000/0000 2-20037/0256	11/17/76	0	9266	2845N 05613E	33.4	144.0	GGGG		
2665-05550	00000/0000 2-20036/0868	11/17/76	10	9266	2720N 05550E	34.4	143.1	GGGG		
2665-05553	00000/0000 2-20036/0869	11/17/76	0	9266	2554N 05527E	35.4	142.2	GGGG		
2665-07305	00000/0000 2-20036/0891	11/17/76	100	9267	5257N 03915E	15.0	156.4	GGGG		
2665-07311	00000/0000 2-20036/0892	11/17/76	100	9267	5133N 03833E	16.1	155.6	GGGG		
2665-07314	00000/0000 2-20036/0893	11/17/76	90	9267	5009N 03752E	17.3	154.9	GGGG		
2665-07320	00000/0000 2-20036/0894	11/17/76	100	9267	4843N 03714E	18.4	154.2	GGGG		
2665-07323	00000/0000 2-20036/0895	11/17/76	100	9267	4718N 03637E	19.5	153.5	GGGG		
2665-07325	00000/0000 2-20036/0896	11/17/76	90	9267	4553N 03602E	20.6	152.8	GGGG		
2665-07332	00000/0000 2-20036/0897	11/17/76	70	9267	4429N 03528E	21.7	152.1	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0045

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN
2665-13045	00000/0000	2-20036/0898	11/17/76	90	9270	3011S	06132W	50.9	83.4	FFFF		
2665-13051	00000/0000	2-20036/0899	11/17/76	60	9270	3136S	06157W	50.4	81.8	GGGG		
2665-13054	00000/0000	2-20036/0900	11/17/76	50	9270	3302S	06222W	50.0	80.3	PPPP		
2665-13060	00000/0000	2-20036/0901	11/17/76	40	9270	3428S	06249W	49.4	78.9	GGGG		
2665-13063	00000/0000	2-20036/0902	11/17/76	40	9270	3553S	06316W	48.9	77.6	FFFF		
2665-13065	00000/0000	2-20036/0903	11/17/76	40	9270	3718S	06343W	48.3	76.3	GGGG		
2665-13072	00000/0000	2-20036/0904	11/17/76	30	9270	3843S	06411W	47.6	75.1	FFFF		
2665-14251	00000/0000	2-20036/0870	11/17/76	60	9271	4843N	06602W	18.3	154.2	GGGG		
2665-14280	00000/0000	2-20036/0871	11/17/76	60	9271	3846N	06950W	26.0	149.4	GGGG		
2665-14283	00000/0000	2-20036/0872	11/17/76	90	9271	3721N	07018W	27.1	148.6	GGGG		
2665-14285	00000/0000	2-20036/0873	11/17/76	90	9271	3556N	07045W	28.2	147.9	GGGG		
2665-14292	00000/0000	2-20036/0874	11/17/76	90	9271	3431N	07111W	29.2	147.2	GGGG		
2665-16153	00000/0000	2-20036/1378	11/17/76	90	9272	2429N	09950W	36.3	141.4	GGGG		
2665-23254	00000/0000	2-20036/0878	11/17/76	0	9276	3427S	14217E	49.5	79.1	GGGG		
2665-23260	00000/0000	2-20036/0879	11/17/76	30	9276	3553S	14151E	48.9	77.7	GGGG		
2665-23263	00000/0000	2-20036/0880	11/17/76	70	9276	3719S	14123E	48.3	76.4	GGGG		
2666-01074	00000/0000	2-20036/0881	11/18/76	10	9277	3012S	11742E	50.9	83.5	GGGG		
2666-01080	00000/0000	2-20036/0882	11/18/76	10	9277	3138S	11717E	50.5	82.0	GGGG		
2666-01083	00000/0000	2-20036/0883	11/18/76	50	9277	3303S	11652E	50.0	80.5	GGGG		
2666-02321	00000/0000	2-20036/0884	11/18/76	0	9278	3430N	10805E	29.1	147.2	GGGG		
2666-02323	00000/0000	2-20036/0885	11/18/76	10	9278	3305N	10740E	30.2	146.4	GGGG		
2666-02330	00000/0000	2-20036/0886	11/18/76	50	9278	3139N	10714E	31.2	145.7	GGGG		
2666-02332	00000/0000	2-20036/0887	11/18/76	20	9278	3013N	10650E	32.2	144.9	GGGG		
2666-02335	00000/0000	2-20036/0888	11/18/76	70	9278	2847N	10626E	33.2	144.0	GGGG		
2666-02341	00000/0000	2-20036/0889	11/18/76	90	9278	2721N	10603E	34.2	143.2	GGGG		
2666-02344	00000/0000	2-20036/0890	11/18/76	90	9278	2555N	10540E	35.2	142.3	GGGG		
2666-06002	00000/0000	2-20036/1068	11/18/76	0	9280	2849N	05449E	33.2	144.1	GGGG		
2666-06005	00000/0000	2-20036/0905	11/18/76	10	9280	2723N	05425E	34.2	143.2	FGGG		
2666-07352	00000/0000	2-20036/0906	11/18/76	90	9281	5707N	04013E	11.3	158.7	FGGG		
2666-07354	00000/0000	2-20036/0907	11/18/76	90	9281	5544N	03922E	12.5	157.9	FGGG		
2666-07361	00000/0000	2-20036/0908	11/18/76	90	9281	5420N	03834E	13.6	157.1	FGGG		
2666-07363	00000/0000	2-20036/0909	11/18/76	90	9281	5256N	03750E	14.8	156.4	FGGG		
2666-07370	00000/0000	2-20036/0910	11/18/76	90	9281	5132N	03707E	15.9	155.6	FGGG		
2666-07372	00000/0000	2-20036/0911	11/18/76	90	9281	5007N	03626E	17.0	154.9	GGGG		
2666-07375	00000/0000	2-20036/0912	11/18/76	90	9281	4842N	03548E	18.1	154.2	GGGG		
2666-07381	00000/0000	2-20036/0913	11/18/76	90	9281	4717N	03511E	19.3	153.5	GGGG		

KEYS: CLOUD COVER X 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2666-07384	00000/0000	2-20036/0914	11/18/76	90	9281	4553N	03436E	20.4	152.9	GGGG		
2666-07390	00000/0000	2-20036/0915	11/18/76	80	9281	4428N	03403E	21.5	152.2	GGGG		
2666-13103	00000/0000	2-20036/0916	11/18/76	10	9284	3012S	06300W	50.9	83.7	FGGG		
2666-13105	00000/0000	2-20036/0917	11/18/76	10	9284	3139S	06324W	50.5	82.2	GGGG		
2666-13112	00000/0000	2-20036/0918	11/18/76	10	9284	3304S	06350W	50.0	80.7	GGGG		
2666-13114	00000/0000	2-20036/0919	11/18/76	10	9284	3429S	06416W	49.5	79.3	GGGG		
2666-13121	00000/0000	2-20036/0920	11/18/76	20	9284	3555S	06443W	48.9	77.9	FFFF		
2666-13123	00000/0000	2-20036/0921	11/18/76	10	9284	3720S	06511W	48.4	76.6	GGGG		
2666-14350	00000/0000	2-20036/0875	11/18/76	30	9285	3430N	07237W	29.0	147.2	GGGG		
2666-14353	00000/0000	2-20036/0876	11/18/76	50	9285	3304N	07304W	30.0	146.5	GGGG		
2666-14355	00000/0000	2-20036/0877	11/18/76	70	9285	3138N	07329W	31.1	145.7	GGGG		
2666-23312	00000/0000	2-20036/1069	11/18/76	20	9290	3428S	14050E	49.5	79.4	FGGG		
2666-23314	00000/0000	2-20036/1070	11/18/76	20	9290	3554S	14023E	49.0	78.1	GGGG		
2667-01130	00000/0000	2-20036/1071	11/19/76	0	9291	2848S	11641E	51.3	85.5	GGGG		
2667-01132	00000/0000	2-20036/1072	11/19/76	0	9291	3013S	11616E	51.0	83.9	GGGG		
2667-01135	00000/0000	2-20036/1073	11/19/76	0	9291	3139S	11552E	50.5	82.4	GGGG		
2667-02375	00000/0000	2-20036/1074	11/19/76	100	9292	3429N	10639E	28.9	147.3	GGGG		
2667-02382	00000/0000	2-20036/1075	11/19/76	100	9292	3304N	10614E	29.9	146.5	GGGG		
2667-02384	00000/0000	2-20036/1076	11/19/76	100	9292	3139N	10548E	31.0	145.7	GGGG		
2667-02391	00000/0000	2-20036/1077	11/19/76	100	9292	3013N	10524E	32.0	145.0	GGGG		
2667-02393	00000/0000	2-20036/1078	11/19/76	100	9292	2847N	10459E	33.0	144.1	GGGG		
2667-02400	00000/0000	2-20036/1079	11/19/76	100	9292	2721N	10436E	34.0	143.3	GGGG		
2667-02402	00000/0000	2-20036/1080	11/19/76	90	9292	2555N	10413E	35.0	142.4	GGGG		
2667-02405	00000/0000	2-20036/1081	11/19/76	90	9292	2429N	10350E	36.0	141.6	GGGG		
2667-02411	00000/0000	2-20036/1082	11/19/76	80	9292	2303N	10327E	36.9	140.6	GGGG		
2667-04154	00000/0000	2-20036/0974	11/19/76	90	9293	5256N	08801E	14.5	156.4	G		
2667-04161	00000/0000	2-20036/0975	11/19/76	40	9293	5131N	08719E	15.7	155.6	GGGG		
2667-04163	00000/0000	2-20036/0976	11/19/76	30	9293	5007N	08639E	16.8	154.9	GGGG		
2667-04170	00000/0000	2-20036/0977	11/19/76	10	9293	4843N	08600E	17.9	154.2	GGGG		
2667-04172	00000/0000	2-20036/0978	11/19/76	10	9293	4719N	08524E	19.0	153.6	GGGG		
2667-04175	00000/0000	2-20036/0979	11/19/76	10	9293	4553N	08449E	20.2	152.9	GGGG		
2667-04181	00000/0000	2-20036/0980	11/19/76	10	9293	4428N	08415E	21.3	152.2	GGGG		
2667-04184	00000/0000	2-20036/0981	11/19/76	0	9293	4303N	08343E	22.4	151.5	GGG		
2667-04190	00000/0000	2-20036/0982	11/19/76	10	9293	4138N	08312E	23.5	150.8	GGGG		
2667-04193	00000/0000	2-20036/0983	11/19/76	10	9293	4013N	08242E	24.5	150.1	GGGG		
2667-04204	00000/0000	2-20036/0984	11/19/76	10	9293	3558N	08117E	27.8	148.0	GGGG		

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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0047

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678	MSS MODE	MSS IMAGE GAIN
2667-04211	00000/0000	2-20036/0985	11/19/76	10	9293	3432N 08051E	28.8	147.3	GGGG		
2667-04213	00000/0000	2-20036/0986	11/19/76	10	9293	3307N 08025E	29.9	146.5	GGGG		
2667-04220	00000/0000	2-20036/0987	11/19/76	0	9293	3141N 08000E	30.9	145.8	GGGG		
2667-04222	00000/0000	2-20036/0988	11/19/76	0	9293	3016N 07935E	31.9	145.0	GGGG		
2667-04225	00000/0000	2-20036/0989	11/19/76	0	9293	2850N 07911E	33.0	144.2	GGG		
2667-04231	00000/0000	2-20036/0990	11/19/76	10	9293	2725N 07847E	34.0	143.3	GGGG		
2667-04234	00000/0000	2-20036/0991	11/19/76	10	9293	2558N 07823E	35.0	142.5	GFFF		
2667-04240	00000/0000	2-20036/0992	11/19/76	10	9293	2431N 07800E	35.9	141.6	GGGG		
2667-04243	00000/0000	2-20036/0993	11/19/76	10	9293	2305N 07737E	36.9	140.7	GGGG		
2667-04245	00000/0000	2-20036/0994	11/19/76	0	9293	2139N 07715E	37.8	139.7	GGGG		
2667-04252	00000/0000	2-20036/0995	11/19/76	30	9293	2013N 07653E	38.8	138.7	GGG		
2667-04254	00000/0000	2-20036/0996	11/19/76	80	9293	1847N 07631E	39.7	137.7	GGGG		
2667-04261	00000/0000	2-20036/0997	11/19/76	90	9293	1721N 07610E	40.6	136.7	GGGG		
2667-04263	00000/0000	2-20036/0998	11/19/76	80	9293	1554N 07549E	41.4	135.6	GGGG		
2667-04270	00000/0000	2-20036/0999	11/19/76	80	9293	1428N 07528E	42.3	134.5	GGGG		
2667-04272	00000/0000	2-20036/1000	11/19/76	90	9293	1301N 07507E	43.1	133.3	GGGG		
2667-04275	00000/0000	2-20036/1001	11/19/76	80	9293	1135N 07447E	43.9	132.1	GGGG		
2667-05583	00000/0000	2-20036/1002	11/19/76	10	9294	5420N 06257E	13.4	157.1	FGFP		
2667-05590	00000/0000	2-20036/1003	11/19/76	20	9294	5256N 06212E	14.5	156.4	FFFF		
2667-05592	00000/0000	2-20036/1004	11/19/76	10	9294	5132N 06129E	15.7	155.6	GGGF		
2667-05595	00000/0000	2-20036/1005	11/19/76	10	9294	5007N 06049E	16.8	154.9	GGGG		
2667-06022	00000/0000	2-20036/1006	11/19/76	0	9294	4138N 05723E	23.4	150.8	PPPP		
2667-06024	00000/0000	2-20036/1007	11/19/76	0	9294	4013N 05653E	24.5	150.1	PFPF		
2667-06031	00000/0000	2-20036/1008	11/19/76	10	9294	3848N 05624E	25.6	149.5	PGFF		
2667-06033	00000/0000	2-20036/1009	11/19/76	10	9294	3722N 05556E	26.7	148.7	PFPP		
2667-06040	00000/0000	2-20036/1010	11/19/76	0	9294	3557N 05529E	27.8	148.0	PPFF		
2667-06042	00000/0000	2-20036/1011	11/19/76	0	9294	3432N 05503E	28.8	147.3	PGFP		
2667-06045	00000/0000	2-20036/1012	11/19/76	10	9294	3306N 05437E	29.9	146.5	PFFP		
2667-06051	00000/0000	2-20036/1053	11/19/76	60	9294	3141N 05411E	30.9	145.8	GGGG		
2667-06054	00000/0000	2-20036/1054	11/19/76	30	9294	3015N 05346E	31.9	145.0	GGGG		
2667-06060	00000/0000	2-20036/1055	11/19/76	10	9294	2850N 05322E	32.9	144.2	GGGG		
2667-06063	00000/0000	2-20036/1056	11/19/76	0	9294	2724N 05259E	34.0	143.3	GGGG		
2667-07410	00000/0000	2-20036/1057	11/19/76	90	9295	5705N 03847E	11.1	158.7	GGGG		
2667-07412	00000/0000	2-20036/1058	11/19/76	100	9295	5542N 03756E	12.2	157.9	GGGG		
2667-07415	00000/0000	2-20036/1059	11/19/76	100	9295	5419N 03708E	13.4	157.1	GGGG		
2667-07421	00000/0000	2-20036/1060	11/19/76	100	9295	5255N 03623E	14.5	156.4	GGGG		

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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
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20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

PAGE 0048

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2667-07424	00000/0000	2-20036/1061	11/19/76	100	9295	5131N 03541E	15.6	155.6	GGGF		
2667-07430	00000/0000	2-20036/1062	11/19/76	100	9295	5007N 03500E	16.8	154.9	GGGG		
2667-07433	00000/0000	2-20036/1063	11/19/76	100	9295	4843N 03422E	17.9	154.2	GGGG		
2667-07435	00000/0000	2-20036/1064	11/19/76	100	9295	4718N 03345E	19.0	153.6	GGGG		
2667-07442	00000/0000	2-20036/1065	11/19/76	100	9295	4553N 03310E	20.1	152.9	FGGG		
2667-13164	00000/0000	2-20036/1066	11/19/76	0	9298	3139S 06450W	50.5	82.5	GGGG		
2667-13170	00000/0000	2-20036/1067	11/19/76	0	9298	3304S 06515W	50.1	81.1	FFFF		
2667-14363	00000/0000	2-20036/1052	11/19/76	100	9299	4845N 06853W	17.8	154.2	FGGG		
2667-16192	00000/0000	2-20036/1085	11/19/76	100	9300	5008N 09406W	16.7	154.9	FGGG		
2667-23370	00000/0000	2-20036/1101	11/19/76	80	9304	3430S 13923E	49.6	79.8	GGGG		
2668-01184	00000/0000	2-20036/1102	11/20/76	10	9305	2848S 11516E	51.4	85.9	FGGG		
2668-01190	00000/0000	2-20036/1103	11/20/76	10	9305	3015S 11451E	51.0	84.3	GGGG		
2668-02422	00000/0000	2-20036/1104	11/20/76	0	9306	3849N 10636E	25.4	149.5	GGGG		
2668-02424	00000/0000	2-20036/1105	11/20/76	10	9306	3724N 10607E	26.5	148.8	FGGG		
2668-02431	00000/0000	2-20036/1106	11/20/76	0	9306	3559N 10540E	27.6	148.1	GGGG		
2668-02433	00000/0000	2-20036/1107	11/20/76	0	9306	3434N 10514E	28.6	147.3	GGFG		
2668-02440	00000/0000	2-20036/1108	11/20/76	10	9306	3308N 10448E	29.7	146.6	FGGG		
2668-02442	00000/0000	2-20036/1109	11/20/76	10	9306	3142N 10424E	30.7	145.8	FGGG		
2668-02445	00000/0000	2-20036/1110	11/20/76	10	9306	3016N 10400E	31.7	145.1	GGGG		
2668-02451	00000/0000	2-20036/1111	11/20/76	60	9306	2850N 10336E	32.7	144.3	GGGG		
2668-02454	00000/0000	2-20036/1112	11/20/76	90	9306	2724N 10312E	33.8	143.4	GGGG		
2668-02460	00000/0000	2-20036/1113	11/20/76	100	9306	2558N 10248E	34.7	142.6	FGGG		
2668-02463	00000/0000	2-20036/1086	11/20/76	100	9306	2432N 10225E	35.7	141.7	G		
2668-04212	00000/0000	2-20036/1013	11/20/76	100	9307	5256N 08634E	14.3	156.4	FFFF		
2668-04215	00000/0000	2-20036/1014	11/20/76	90	9307	5131N 08552E	15.4	155.6	GGGG		
2668-04221	00000/0000	2-20036/1015	11/20/76	40	9307	5007N 08512E	16.6	154.9	GGGG		
2668-04224	00000/0000	2-20036/1016	11/20/76	10	9307	4843N 08434E	17.7	154.2	GGGG		
2668-04230	00000/0000	2-20036/1017	11/20/76	10	9307	4718N 08357E	18.8	153.6	GGGG		
2668-04233	00000/0000	2-20036/1018	11/20/76	0	9307	4553N 08322E	19.9	152.9	GGGG		
2668-04235	00000/0000	2-20036/1019	11/20/76	0	9307	4427N 08248E	21.0	152.2	GGGG		
2668-04242	00000/0000	2-20036/1020	11/20/76	0	9307	4302N 08217E	22.1	151.5	GGGG		
2668-04244	00000/0000	2-20036/1021	11/20/76	0	9307	4137N 08146E	23.2	150.9	GGGG		
2668-04251	00000/0000	2-20036/1022	11/20/76	0	9307	4013N 08115E	24.3	150.2	GGGG		
2668-04253	00000/0000	2-20036/1023	11/20/76	0	9307	3848N 08046E	25.4	149.5	FGGG		
2668-04260	00000/0000	2-20036/1024	11/20/76	0	9307	3722N 08018E	26.5	148.8	FGGG		
2668-04262	00000/0000	2-20036/1025	11/20/76	0	9307	3557N 07950E	27.5	148.1	FGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO. MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2668-04265	00000/0000	2-20036/1026	11/20/76	0	9307	3431N 07924E	28.6	147.3	GGFG		
2668-04271	00000/0000	2-20036/1027	11/20/76	0	9307	3306N 07858E	29.6	146.6	GGGG		
2668-04274	00000/0000	2-20036/1028	11/20/76	20	9307	3141N 07832E	30.7	145.8	GGGG		
2668-04280	00000/0000	2-20036/1029	11/20/76	70	9307	3015N 07808E	31.7	145.1	GGGG		
2668-04283	00000/0000	2-20036/1030	11/20/76	60	9307	2849N 07744E	32.7	144.3	GGGG		
2668-04285	00000/0000	2-20036/1031	11/20/76	20	9307	2724N 07720E	33.7	143.4	GGGG		
2668-04292	00000/0000	2-20036/1032	11/20/76	70	9307	2559N 07657E	34.7	142.6	GGGG		
2668-04294	00000/0000	2-20036/1033	11/20/76	80	9307	2433N 07634E	35.7	141.7	GGGG		
2668-04301	00000/0000	2-20036/1034	11/20/76	90	9307	2306N 07612E	36.7	140.8	GGGG		
2668-04312	00000/0000	2-20036/1035	11/20/76	90	9307	1846N 07505E	39.5	137.9	GGGG		
2668-04315	00000/0000	2-20036/1036	11/20/76	90	9307	1720N 07444E	40.4	136.8	GGGG		
2668-04321	00000/0000	2-20036/1037	11/20/76	70	9307	1553N 07423E	41.2	135.8	GGGG		
2668-04324	00000/0000	2-20036/1038	11/20/76	50	9307	1427N 07402E	42.1	134.6	FGFF		
2668-04330	00000/0000	2-20036/1039	11/20/76	90	9307	1301N 07342E	42.9	133.5	GGGG		
2668-06041	00000/0000	2-20036/1040	11/20/76	10	9308	5419N 06131E	13.2	157.1	GGFP		
2668-06044	00000/0000	2-20036/1041	11/20/76	0	9308	5255N 06045E	14.3	156.4	GGGP		
2668-06050	00000/0000	2-20036/1042	11/20/76	0	9308	5131N 06003E	15.4	155.6	GGGP		
2668-06062	00000/0000	2-20036/1043	11/20/76	10	9308	4718N 05809E	18.8	153.6	PPPG		
2668-06064	00000/0000	2-20036/1044	11/20/76	10	9308	4553N 05734E	19.9	152.9	PPPG		
2668-06071	00000/0000	2-20036/1045	11/20/76	60	9308	4428N 05700E	21.0	152.2	PPPG		
2668-06073	00000/0000	2-20036/1046	11/20/76	0	9308	4303N 05628E	22.1	151.5	PPGG		
2668-06080	00000/0000	2-20036/1047	11/20/76	10	9308	4138N 05557E	23.2	150.9	PPFP		
2668-06082	00000/0000	2-20036/1048	11/20/76	0	9308	4013N 05527E	24.3	150.2	PPFF		
2668-06085	00000/0000	2-20036/1049	11/20/76	0	9308	3848N 05458E	25.4	149.5	PPFP		
2668-06091	00000/0000	2-20036/1050	11/20/76	0	9308	3722N 05430E	26.5	148.8	PPPP		
2668-06094	00000/0000	2-20036/1051	11/20/76	0	9308	3557N 05403E	27.5	148.1	PPPG		
2668-06103	00000/0000	2-20036/1087	11/20/76	10	9308	3306N 05310E	29.6	146.6	FGGG		
2668-06105	00000/0000	2-20036/1088	11/20/76	10	9308	3140N 05245E	30.7	145.8	GGGG		
2668-06112	00000/0000	2-20036/1089	11/20/76	10	9308	3014N 05220E	31.7	145.1	GGFG		
2668-06114	00000/0000	2-20036/1090	11/20/76	0	9308	2848N 05156E	32.7	144.3	GGGG		
2668-07480	00000/0000	2-20036/1091	11/20/76	80	9309	5255N 03454E	14.3	156.3	GGGG		
2668-07482	00000/0000	2-20036/1092	11/20/76	90	9309	5131N 03411E	15.4	155.6	FGGG		
2668-07485	00000/0000	2-20036/1093	11/20/76	90	9309	5007N 03332E	16.5	154.9	GGGG		
2668-07491	00000/0000	2-20036/1094	11/20/76	90	9309	4843N 03254E	17.7	154.2	FGGG		
2668-07494	00000/0000	2-20036/1095	11/20/76	30	9309	4718N 03218E	18.8	153.6	FFGG		
2668-07500	00000/0000	2-20036/1096	11/20/76	30	9309	4553N 03144E	19.9	152.9	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR NNN-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUB NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2668-14421	00000/0000	2-20036/1083	11/20/76	90	9313	4845N 07021W	17.6	154.2	G		
2668-14485	00000/0000	2-20036/1084	11/20/76	40	9313	2557N 07755W	34.6	142.6	GGGG		
2668-23422	00000/0000	2-20036/1097	11/20/76	50	9318	3302S 13824E	50.2	81.6	GGGG		
2668-23424	00000/0000	2-20036/1098	11/20/76	80	9318	3428S 13758E	49.7	80.2	GGGG		
2669-01235	00000/0000	2-20036/1099	11/21/76	20	9319	2720S 11414E	51.7	87.9	GGGG		
2669-01242	00000/0000	2-20036/1100	11/21/76	30	9319	2846S 11350E	51.4	86.3	GGGG		
2669-02482	00000/0000	2-20036/1114	11/21/76	0	9320	3722N 10442E	26.3	148.8	GGGG		
2669-02500	00000/0000	2-20036/1115	11/21/76	30	9320	3142N 10257E	30.5	145.9	GGGG		
2669-04271	00000/0000	2-20036/0509	11/21/76	0	9321	5255N 08510E	14.1	156.3	GGGG		
2669-04273	00000/0000	2-20036/0510	11/21/76	0	9321	5131N 08428E	15.2	155.6	GGGG		
2669-04280	00000/0000	2-20036/0511	11/21/76	10	9321	5007N 08347E	16.3	154.9	GGGG		
2669-04282	00000/0000	2-20036/0512	11/21/76	0	9321	4842N 08309E	17.5	154.2	GGGG		
2669-04285	00000/0000	2-20036/0513	11/21/76	0	9321	4718N 08232E	18.6	153.6	GGGG		
2669-04291	00000/0000	2-20036/0514	11/21/76	0	9321	4552N 08157E	19.7	152.9	GGGG		
2669-04294	00000/0000	2-20036/0515	11/21/76	10	9321	4428N 08123E	20.8	152.2	GGGG		
2669-04300	00000/0000	2-20036/0516	11/21/76	10	9321	4303N 08051E	21.9	151.6	GGGG		
2669-04303	00000/0000	2-20036/0517	11/21/76	20	9321	4138N 08020E	23.0	150.9	GGGG		
2669-04305	00000/0000	2-20036/0518	11/21/76	50	9321	4013N 07950E	24.1	150.2	GGGG		
2669-04312	00000/0000	2-20036/0519	11/21/76	80	9321	3847N 07921E	25.2	149.5	GGGG		
2669-04314	00000/0000	2-20036/0520	11/21/76	30	9321	3722N 07852E	26.3	148.8	GGGG		
2669-04321	00000/0000	2-20036/0521	11/21/76	10	9321	3557N 07825E	27.3	148.1	GGGG		
2669-04323	00000/0000	2-20036/0522	11/21/76	10	9321	3432N 07758E	28.4	147.4	GGGG		
2669-04330	00000/0000	2-20036/0523	11/21/76	10	9321	3306N 07733E	29.4	146.7	GGGG		
2669-04332	00000/0000	2-20036/0524	11/21/76	70	9321	3140N 07707E	30.5	145.9	GGGG		
2669-04335	00000/0000	2-20036/0525	11/21/76	90	9321	3014N 07643E	31.5	145.1	GGGG		
2669-04341	00000/0000	2-20036/0526	11/21/76	90	9321	2849N 07619E	32.5	144.3	GGGG		
2669-04344	00000/0000	2-20036/0527	11/21/76	100	9321	2723N 07555E	33.5	143.5	GGGG		
2669-04350	00000/0000	2-20036/0528	11/21/76	100	9321	2557N 07532E	34.5	142.7	PPPP		
2669-04353	00000/0000	2-20036/0529	11/21/76	100	9321	2431N 07509E	35.5	141.8	GGGG		
2669-04355	00000/0000	2-20036/0530	11/21/76	100	9321	2305N 07447E	36.5	140.9	GGGG		
2669-04362	00000/0000	2-20036/0531	11/21/76	90	9321	2139N 07425E	37.4	140.0	GGGG		
2669-04364	00000/0000	2-20036/0532	11/21/76	90	9321	2013N 07402E	38.4	139.0	GGGG		
2669-04371	00000/0000	2-20036/0533	11/21/76	100	9321	1846N 07340E	39.3	138.0	GGGG		
2669-04373	00000/0000	2-20036/0534	11/21/76	60	9321	1719N 07319E	40.2	137.0	GGGG		
2669-06100	00000/0000	2-20036/0535	11/21/76	20	9322	5418N 06004E	12.9	157.1	GGGG		
2669-06105	00000/0000	2-20036/0536	11/21/76	90	9322	5130N 05837E	15.2	155.6	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

PAGE 0051

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2669-06111	00000/0000	2-20036/0537	11/21/76	90	9322	5006N	05757E	16.3	154.9	GGGG		
2669-06114	00000/0000	2-20036/0538	11/21/76	90	9322	4842N	05718E	17.4	154.2	GGGG		
2669-06120	00000/0000	2-20036/0539	11/21/76	30	9322	4717N	05642E	18.6	153.6	GGGG		
2669-06123	00000/0000	2-20036/0540	11/21/76	50	9322	4553N	05607E	19.7	152.9	GGGG		
2669-06125	00000/0000	2-20036/0541	11/21/76	90	9322	4428N	05534E	20.8	152.2	GGGG		
2669-06132	00000/0000	2-20036/0542	11/21/76	80	9322	4302N	05502E	21.9	151.6	GGGG		
2669-06134	00000/0000	2-20036/0543	11/21/76	40	9322	4137N	05431E	23.0	150.9	GGGG		
2669-06155	00000/0000	2-20036/1123	11/21/76	0	9322	3431N	05209E	28.4	147.4	GGGG		
2669-06161	00000/0000	2-20036/1124	11/21/76	0	9322	3305N	05143E	29.4	146.7	FGGG		
2669-06164	00000/0000	2-20036/1125	11/21/76	0	9322	3139N	05118E	30.5	145.9	GGGG		
2669-06170	00000/0000	2-20036/1126	11/21/76	0	9322	3014N	05053E	31.5	145.1	GGGG		
2669-06173	00000/0000	2-20036/1127	11/21/76	0	9322	2848N	05029E	32.5	144.3	FGFF		
2669-07534	00000/0000	2-20036/1128	11/21/76	90	9323	5255N	03330E	14.1	156.3	GGGG		
2669-07540	00000/0000	2-20036/1129	11/21/76	100	9323	5131N	03248E	15.2	155.6	GGGG		
2669-07543	00000/0000	2-20036/1130	11/21/76	100	9323	5006N	03208E	16.3	154.9	GGGG		
2669-07545	00000/0000	2-20036/1131	11/21/76	90	9323	4842N	03130E	17.4	154.2	GGGG		
2669-07552	00000/0000	2-20036/1132	11/21/76	70	9323	4718N	03053E	18.6	153.6	GGGG		
2669-07554	00000/0000	2-20036/1133	11/21/76	80	9323	4553N	03018E	19.7	152.9	GGGG		
2669-16302	00000/0000	2-20036/1139	11/21/76	100	9328	5132N	09618W	15.1	155.6	FGGG		
2669-23480	00000/0000	2-20036/1134	11/21/76	10	9332	3303S	13658E	50.2	81.9	GGGG		
2669-23482	00000/0000	2-20036/1135	11/21/76	20	9332	3429S	13632E	49.7	80.5	FGGG		
2670-02541	00000/0000	2-20036/1136	11/22/76	0	9334	3721N	10315E	26.0	148.9	FGGG		
2670-02543	00000/0000	2-20036/1137	11/22/76	0	9334	3557N	10248E	27.1	148.2	GGGG		
2670-02552	00000/0000	2-20036/0811	11/22/76	70	9334	3307N	10156E	29.2	146.7	FFFF		
2670-02555	00000/0000	2-20036/0812	11/22/76	70	9334	3142N	10131E	30.3	146.0	FFFF		
2670-02561	00000/0000	2-20036/0813	11/22/76	30	9334	3016N	10106E	31.3	145.2	FFFF		
2670-02564	00000/0000	2-20036/0814	11/22/76	50	9334	2849N	10041E	32.3	144.4	FFFF		
2670-02573	00000/0000	2-20036/1138	11/22/76	40	9334	2557N	09954E	34.3	142.7	FGGG		
2670-04322	00000/0000	2-20036/0815	11/22/76	20	9335	5419N	08427E	12.7	157.1	FGGG		
2670-04325	00000/0000	2-20036/0816	11/22/76	10	9335	5255N	08343E	13.9	156.3	FGGG		
2670-04331	00000/0000	2-20036/0817	11/22/76	20	9335	5130N	08301E	15.0	155.6	FGGG		
2670-04334	00000/0000	2-20036/0818	11/22/76	40	9335	5006N	08221E	16.1	154.9	FGGG		
2670-04340	00000/0000	2-20036/0819	11/22/76	70	9335	4842N	08142E	17.2	154.2	FGGG		
2670-04343	00000/0000	2-20036/0820	11/22/76	60	9335	4717N	08106E	18.4	153.6	FGGG		
2670-04345	00000/0000	2-20036/0821	11/22/76	30	9335	4552N	08030E	19.5	152.9	FGGG		
2670-04352	00000/0000	2-20036/0822	11/22/76	10	9335	4427N	07957E	20.6	152.2	FGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0052

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2670-04354	00000/0000	2-20036/0823	11/22/76	0	9335	4302N	07924E	21.7	151.6	FGGG		
2670-04361	00000/0000	2-20036/0824	11/22/76	0	9335	4137N	07853E	22.8	150.9	GGGG		
2670-04363	00000/0000	2-20036/0825	11/22/76	0	9335	4011N	07823E	23.9	150.2	FGGG		
2670-04370	00000/0000	2-20036/0826	11/22/76	10	9335	3847N	07754E	25.0	149.5	FFFF		
2670-04372	00000/0000	2-20036/0827	11/22/76	10	9335	3722N	07726E	26.0	148.9	GGGG		
2670-04375	00000/0000	2-20036/0828	11/22/76	30	9335	3557N	07659E	27.1	148.2	GGGG		
2670-04381	00000/0000	2-20036/0829	11/22/76	20	9335	3432N	07632E	28.2	147.4	GGGG		
2670-04384	00000/0000	2-20036/0830	11/22/76	20	9335	3306N	07606E	29.2	146.7	GGGG		
2670-04390	00000/0000	2-20036/0831	11/22/76	10	9335	3140N	07540E	30.3	146.0	GGGG		
2670-04393	00000/0000	2-20036/0832	11/22/76	30	9335	3014N	07516E	31.3	145.2	GGGG		
2670-04395	00000/0000	2-20036/0833	11/22/76	60	9335	2848N	07451E	32.3	144.4	FGGG		
2670-04402	00000/0000	2-20036/0834	11/22/76	80	9335	2723N	07428E	33.3	143.6	FFFF		
2670-04404	00000/0000	2-20036/0835	11/22/76	90	9335	2556N	07405E	34.3	142.7	FFGG		
2670-04411	00000/0000	2-20036/0836	11/22/76	90	9335	2430N	07342E	35.3	141.9	FFGG		
2670-04413	00000/0000	2-20036/0837	11/22/76	90	9335	2303N	07319E	36.3	141.0	FGGG		
2670-04420	00000/0000	2-20036/0838	11/22/76	90	9335	2137N	07257E	37.2	140.1	FGFG		
2670-04422	00000/0000	2-20036/0839	11/22/76	100	9335	2011N	07235E	38.2	139.1	FFGG		
2670-04425	00000/0000	2-20036/0840	11/22/76	90	9335	1845N	07213E	39.1	138.1	FFGG		
2670-06160	00000/0000	2-20036/0841	11/22/76	90	9336	5254N	05755E	13.8	156.3	GGGG		
2670-06163	00000/0000	2-20036/0842	11/22/76	90	9336	5130N	05713E	15.0	155.6	GGGF		
2670-06165	00000/0000	2-20036/0843	11/22/76	100	9336	5005N	05632E	16.1	154.9	GGGF		
2670-06172	00000/0000	2-20036/0844	11/22/76	90	9336	4841N	05554E	17.2	154.2	GFGG		
2670-06174	00000/0000	2-20036/0845	11/22/76	90	9336	4716N	05517E	18.3	153.6	FFFF		
2670-06181	00000/0000	2-20036/0846	11/22/76	90	9336	4552N	05442E	19.5	152.9	GGGG		
2670-06183	00000/0000	2-20036/0847	11/22/76	70	9336	4427N	05408E	20.6	152.2	FGGG		
2670-06190	00000/0000	2-20036/0848	11/22/76	80	9336	4302N	05335E	21.7	151.6	GFGG		
2670-06204	00000/0000	2-20036/1659	11/22/76	10	9336	3721N	05138E	26.0	148.9	GGGG		
2670-07585	00000/0000	2-20036/1660	11/22/76	90	9337	5421N	03250E	12.7	157.1	GGGG		
2670-07592	00000/0000	2-20036/1661	11/22/76	90	9337	5258N	03205E	13.8	156.3	GGGG		
2670-07594	00000/0000	2-20036/1662	11/22/76	100	9337	5133N	03123E	14.9	155.6	GGGG		
2670-08001	00000/0000	2-20036/1663	11/22/76	100	9337	5008N	03042E	16.1	154.9	GGGG		
2670-08003	00000/0000	2-20036/1210	11/22/76	90	9337	4844N	03004E	17.2	154.3	GGGG		
2670-08010	00000/0000	2-20036/1211	11/22/76	80	9337	4719N	02927E	18.3	153.6	GGGG		
2670-08012	00000/0000	2-20036/1212	11/22/76	60	9337	4555N	02852E	19.4	152.9	GGGG		
2670-13100	00000/0000	2-20036/1116	11/22/76	90	9340	5008N	04645W	16.0	154.9	GGFF		
2670-13102	00000/0000	2-20036/1117	11/22/76	80	9340	4843N	04722W	17.2	154.2	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2670-13105	00000/0000	2-20036/1118	11/22/76	90	9340	4718N	04759W	18.3	153.6		FFGG	
2670-13111	00000/0000	2-20036/1119	11/22/76	90	9340	4553N	04834W	19.4	152.9		GGGG	
2670-13114	00000/0000	2-20036/1120	11/22/76	90	9340	4428N	04907W	20.5	152.2		GGGG	
2670-13120	00000/0000	2-20036/1121	11/22/76	90	9340	4304N	04939W	21.6	151.6		GGG	
2670-13123	00000/0000	2-20036/1122	11/22/76	80	9340	4138N	05010W	22.7	150.9		FGGG	
2670-23534	00000/0000	2-20036/1213	11/22/76	80	9346	3304S	13532E	50.2	82.3		GGGG	
2670-23541	00000/0000	2-20036/1214	11/22/76	70	9346	3429S	13506E	49.7	80.8		FGGG	
2671-02592	00000/0000	2-20036/1215	11/23/76	0	9348	3846N	10217E	24.8	149.6		GGGG	
2671-02595	00000/0000	2-20036/1158	11/23/76	0	9348	3721N	10149E	25.8	148.9		FGGG	
2671-03001	00000/0000	2-20036/1159	11/23/76	0	9348	3556N	10122E	26.9	148.2		FGGF	
2671-03004	00000/0000	2-20036/1160	11/23/76	0	9348	3431N	10056E	28.0	147.5		GGG	
2671-03010	00000/0000	2-20036/1161	11/23/76	0	9348	3306N	10030E	29.0	146.7		GGG	
2671-03013	00000/0000	2-20036/1162	11/23/76	50	9348	3141N	10004E	30.1	146.0		FGG	
2671-03015	00000/0000	2-20036/1163	11/23/76	50	9348	3015N	09939E	31.1	145.2		GGGG	
2671-03022	00000/0000	2-20036/1164	11/23/76	50	9348	2848N	09915E	32.1	144.4		FGGG	
2671-03024	00000/0000	2-20036/1165	11/23/76	90	9348	2721N	09852E	33.1	143.6		GGGG	
2671-03031	00000/0000	2-20036/1166	11/23/76	90	9348	2555N	09829E	34.1	142.8		FGFG	
2671-03033	00000/0000	2-20036/1167	11/23/76	90	9348	2429N	09807E	35.1	141.9		GGGG	
2671-04380	00000/0000	2-20036/1168	11/23/76	60	9349	5422N	08303E	12.5	157.1		GGGF	
2671-04383	00000/0000	2-20036/1169	11/23/76	20	9349	5257N	08218E	13.6	156.3		FFGG	
2671-04385	00000/0000	2-20036/1170	11/23/76	20	9349	5133N	08136E	14.7	155.6		GGG	
2671-04392	00000/0000	2-20036/1171	11/23/76	10	9349	5009N	08055E	15.9	154.9		FGGG	
2671-04394	00000/0000	2-20036/1157	11/23/76	10	9349	4845N	08017E	17.0	154.3		G GG	
2671-04401	00000/0000	2-20036/1172	11/23/76	10	9349	4719N	07941E	18.1	153.6		FGGF	
2671-04403	00000/0000	2-20036/1173	11/23/76	10	9349	4555N	07906E	19.2	152.9		GGGG	
2671-04410	00000/0000	2-20036/1174	11/23/76	0	9349	4430N	07832E	20.3	152.3		GGGG	
2671-04412	00000/0000	2-20036/1175	11/23/76	10	9349	4305N	07800E	21.4	151.6		GGGG	
2671-04415	00000/0000	2-20036/1176	11/23/76	20	9349	4139N	07729E	22.5	150.9		GGGG	
2671-04421	00000/0000	2-20036/1177	11/23/76	0	9349	4014N	07658E	23.6	150.3		GGGG	
2671-04424	00000/0000	2-20036/1178	11/23/76	0	9349	3850N	07628E	24.7	149.6		GGGF	
2671-04430	00000/0000	2-20036/1179	11/23/76	0	9349	3725N	07559E	25.8	148.9		GGGG	
2671-04433	00000/0000	2-20036/1180	11/23/76	0	9349	3559N	07532E	26.8	148.2		GGGG	
2671-04435	00000/0000	2-20036/1181	11/23/76	20	9349	3433N	07505E	27.9	147.5		GGGG	
2671-04442	00000/0000	2-20036/1182	11/23/76	10	9349	3308N	07439E	29.0	146.8		GGGG	
2671-04444	00000/0000	2-20036/1183	11/23/76	10	9349	3142N	07414E	30.0	146.0		FGGG	
2671-04451	00000/0000	2-20036/1184	11/23/76	10	9349	3016N	07349E	31.0	145.3		GGGG	

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OBSERVATION ID LISTING
FOR NON-US
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL	MSS RBV MSS DATA	MSS MODE GAIN
2671-04453	00000/0000	2-20036/1185	11/23/76	10	9349	2851N 07326E	32.1	144.5	FGGG		
2671-04460	00000/0000	2-20036/1186	11/23/76	60	9349	2725N 07302E	33.1	143.7	GGG		
2671-04462	00000/0000	2-20036/1187	11/23/76	90	9349	2559N 07240E	34.1	142.8	FGGG		
2671-04465	00000/0000	2-20036/1188	11/23/76	90	9349	2432N 07217E	35.1	142.0	FGGG		
2671-04471	00000/0000	2-20036/1189	11/23/76	90	9349	2306N 07154E	36.0	141.1	GGFF		
2671-04474	00000/0000	2-20036/1190	11/23/76	90	9349	2140N 07132E	37.0	140.2	GGFF		
2671-04480	00000/0000	2-20036/1191	11/23/76	80	9349	2014N 07110E	37.9	139.2	GGGF		
2671-06214	00000/0000	2-20036/1192	11/23/76	100	9350	5257N 05630E	13.6	156.3	FGGF		
2671-06221	00000/0000	2-20036/1193	11/23/76	100	9350	5133N 05547E	14.7	155.6	GGGG		
2671-06223	00000/0000	2-20036/1194	11/23/76	90	9350	5008N 05507E	15.8	154.9	GGGF		
2671-06230	00000/0000	2-20036/1195	11/23/76	90	9350	4844N 05428E	17.0	154.2	FGGF		
2671-06232	00000/0000	2-20036/1196	11/23/76	70	9350	4720N 05352E	18.1	153.6	GGGF		
2671-06235	00000/0000	2-20036/1197	11/23/76	70	9350	4554N 05317E	19.2	152.9	GGGF		
2671-06241	00000/0000	2-20036/1198	11/23/76	60	9350	4430N 05243E	20.3	152.3	FGGF		
2671-06244	00000/0000	2-20036/1199	11/23/76	50	9350	4305N 05211E	21.4	151.6	FGGF		
2671-06250	00000/0000	2-20036/1200	11/23/76	50	9350	4139N 05140E	22.5	150.9	GGGF		
2671-06253	00000/0000	2-20036/1216	11/23/76	40	9350	4014N 05110E	23.6	150.3	FGGG		
2671-06255	00000/0000	2-20036/1217	11/23/76	40	9350	3849N 05042E	24.7	149.6	GGGG		
2671-06262	00000/0000	2-20036/1218	11/23/76	20	9350	3724N 05013E	25.8	148.9	GGGG		
2671-08044	00000/0000	2-20036/1219	11/23/76	60	9351	5420N 03124E	12.5	157.0	GGGG		
2671-08050	00000/0000	2-20036/1220	11/23/76	60	9351	5257N 03039E	13.6	156.3	GGGG		
2671-08053	00000/0000	2-20036/1221	11/23/76	60	9351	5132N 02956E	14.7	155.6	GGGG		
2671-08055	00000/0000	2-20036/1222	11/23/76	50	9351	5008N 02916E	15.8	154.9	GGGG		
2671-08062	00000/0000	2-20036/1223	11/23/76	60	9351	4844N 02838E	17.0	154.2	GGGG		
2671-08064	00000/0000	2-20036/1224	11/23/76	80	9351	4719N 02802E	18.1	153.6	GGGG		
2671-08071	00000/0000	2-20036/1225	11/23/76	90	9351	4554N 02727E	19.2	152.9	GGGG		
2671-13151	00000/0000	2-20036/1228	11/23/76	60	9354	5133N 04732W	14.6	155.6	GGGG		
2671-13154	00000/0000	2-20036/1229	11/23/76	30	9354	5009N 04812W	15.8	154.9	FGGG		
2671-13160	00000/0000	2-20036/1230	11/23/76	30	9354	4844N 04850W	16.9	154.3	GGGG		
2671-13163	00000/0000	2-20036/1231	11/23/76	30	9354	4720N 04927W	18.0	153.6	GGGG		
2671-13165	00000/0000	2-20036/1232	11/23/76	30	9354	4555N 05002W	19.1	152.9	GGGG		
2671-13172	00000/0000	2-20036/1233	11/23/76	10	9354	4430N 05035W	20.2	152.3	GGGG		
2671-13174	00000/0000	2-20036/1234	11/23/76	20	9354	4305N 05107W	21.3	151.6	GGGG		
2671-13181	00000/0000	2-20036/1235	11/23/76	60	9354	4140N 05138W	22.4	150.9	GGGG		
2671-15374	2-20037/1361	00000/0000	11/23/76	90	9355	7928S 15155W	19.3	98.1	GGG		
2671-15381	2-20037/1362	00000/0000	11/23/76	90	9355	8010S 15915W	18.2	104.9	GGG		

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OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2671-23590	00000/0000	2-20036/1226	11/23/76	30	9360	3137S 13431E	50.7	84.2	GGGG		
2671-23592	00000/0000	2-20036/1227	11/23/76	40	9360	3303S 13406E	50.3	82.6	GGGG		
2672-03044	00000/0000	2-20037/0154	11/24/76	80	9362	4015N 10121E	23.4	150.3	GGGG		
2672-03050	00000/0000	2-20037/0155	11/24/76	80	9362	3850N 10052E	24.5	149.6	GGGG		
2672-03053	00000/0000	2-20037/0156	11/24/76	80	9362	3725N 10024E	25.6	148.9	GGGG		
2672-03055	00000/0000	2-20037/0157	11/24/76	30	9362	3600N 09957E	26.7	148.2	GGGG		
2672-03062	00000/0000	2-20037/0158	11/24/76	10	9362	3434N 09930E	27.7	147.5	GGGG		
2672-03064	00000/0000	2-20037/0159	11/24/76	0	9362	3308N 09904E	28.8	146.8	GGFG		
2672-03071	00000/0000	2-20037/0160	11/24/76	10	9362	3142N 09839E	29.8	146.1	GGGG		
2672-03073	00000/0000	2-20037/0161	11/24/76	30	9362	3016N 09814E	30.8	145.3	GGGG		
2672-03080	00000/0000	2-20037/0162	11/24/76	50	9362	2850N 09750E	31.9	144.5	GGGG		
2672-03082	00000/0000	2-20037/0163	11/24/76	90	9362	2725N 09726E	32.9	143.7	GGGG		
2672-03085	00000/0000	2-20037/0164	11/24/76	90	9362	2559N 09703E	33.9	142.9	GGGG		
2672-03091	00000/0000	2-20037/0165	11/24/76	50	9362	2433N 09639E	34.9	142.0	GGGG		
2672-03094	00000/0000	2-20037/0166	11/24/76	80	9362	2306N 09616E	35.8	141.2	GGGG		
2672-03100	00000/0000	2-20037/0167	11/24/76	40	9362	2139N 09554E	36.8	140.2	GGGG		
2672-04435	00000/0000	2-20037/0168	11/24/76	60	9363	5420N 08136E	12.3	157.0	GGGG		
2672-04441	00000/0000	2-20037/0169	11/24/76	10	9363	5257N 08051E	13.4	156.3	GFGG		
2672-04444	00000/0000	2-20037/0170	11/24/76	10	9363	5133N 08009E	14.5	155.6	GGGG		
2672-04450	00000/0000	2-20037/0171	11/24/76	10	9363	5008N 07929E	15.7	154.9	GGGG		
2672-04453	00000/0000	2-20037/0172	11/24/76	0	9363	4844N 07850E	16.8	154.2	GGGG		
2672-04455	00000/0000	2-20037/0173	11/24/76	0	9363	4719N 07814E	17.9	153.6	GGGG		
2672-04462	00000/0000	2-20037/0174	11/24/76	0	9363	4554N 07739E	19.0	152.9	FGGG		
2672-04464	00000/0000	2-20037/0175	11/24/76	0	9363	4429N 07705E	20.1	152.3	GGGG		
2672-04471	00000/0000	2-20037/0176	11/24/76	10	9363	4304N 07633E	21.2	151.6	GGGG		
2672-04473	00000/0000	2-20037/0177	11/24/76	10	9363	4140N 07601E	22.3	150.9	GGGG		
2672-04480	00000/0000	2-20037/0178	11/24/76	0	9363	4015N 07531E	23.4	150.3	GGGG		
2672-04482	00000/0000	2-20037/0179	11/24/76	0	9363	3849N 07502E	24.5	149.6	GGGG		
2672-04485	00000/0000	2-20037/0180	11/24/76	0	9363	3724N 07434E	25.6	148.9	GGGG		
2672-04491	00000/0000	2-20037/0181	11/24/76	0	9363	3558N 07406E	26.6	148.2	GGGG		
2672-04494	00000/0000	2-20037/0182	11/24/76	0	9363	3432N 07340E	27.7	147.5	GGGG		
2672-04512	00000/0000	2-20037/0183	11/24/76	0	9363	2849N 07200E	31.9	144.5	FGGG		
2672-04514	00000/0000	2-20037/0184	11/24/76	0	9363	2723N 07137E	32.9	143.7	GGGG		
2672-04521	00000/0000	2-20037/0185	11/24/76	30	9363	2557N 07113E	33.9	142.9	GGGG		
2672-04523	00000/0000	2-20037/0186	11/24/76	70	9363	2431N 07051E	34.9	142.0	GGGG		
2672-04530	00000/0000	2-20037/0187	11/24/76	90	9363	2304N 07028E	35.8	141.2	GGGG		

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LANDSAT-2
OBSERVATION ID LISTING
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FROM 12/01/76 TO 12/31/76

PAGE 0056

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2672-04532	00000/0000	2-20037/0188	11/24/76	90	9363	2138N 07006E	36.8	140.3	GGGG		
2672-04535	00000/0000	2-20037/0189	11/24/76	70	9363	2011N 06944E	37.7	139.3	GGGG		
2672-06275	00000/0000	2-20037/0190	11/24/76	20	9364	5132N 05421E	14.5	155.6	GGGG		
2672-06282	00000/0000	2-20037/0191	11/24/76	10	9364	5008N 05341E	15.6	154.9	GGGG		
2672-06284	00000/0000	2-20037/0192	11/24/76	0	9364	4843N 05302E	16.8	154.2	GGGG		
2672-06291	00000/0000	2-20037/0193	11/24/76	20	9364	4719N 05225E	17.9	153.6	GGGG		
2672-06293	00000/0000	2-20037/0194	11/24/76	70	9364	4554N 05150E	19.0	152.9	GGGG		
2672-06300	00000/0000	2-20037/0195	11/24/76	80	9364	4429N 05116E	20.1	152.3	GGGG		
2672-06311	00000/0000	2-20036/1664	11/24/76	70	9364	4014N 04944E	23.4	150.3	GGGG		
2672-06314	00000/0000	2-20036/1665	11/24/76	70	9364	3849N 04915E	24.5	149.6	GGGG		
2672-08111	00000/0000	2-20036/1666	11/24/76	70	9365	5131N 02829E	14.5	155.6	GGGG		
2672-08120	00000/0000	2-20036/1667	11/24/76	40	9365	4843N 02712E	16.8	154.2	GGGG		
2672-08122	00000/0000	2-20036/1668	11/24/76	20	9365	4719N 02635E	17.9	153.6	GGGG		
2672-08125	00000/0000	2-20036/1669	11/24/76	30	9365	4553N 02600E	19.0	152.9	GGGG		
2672-08131	00000/0000	2-20036/1670	11/24/76	60	9365	4429N 02526E	20.1	152.2	GGGG		
2672-08134	00000/0000	2-20036/1671	11/24/76	70	9365	4303N 02454E	21.2	151.6	GGGG		
2672-13205	00000/0000	2-20036/1201	11/24/76	70	9368	5133N 04900W	14.4	155.6	GGGG		
2672-13212	00000/0000	2-20036/1202	11/24/76	90	9368	5008N 04940W	15.6	154.9	GGGG		
2672-13214	00000/0000	2-20036/1203	11/24/76	70	9368	4844N 05017W	16.7	154.2	GGGG		
2672-13221	00000/0000	2-20036/1204	11/24/76	80	9368	4719N 05053W	17.8	153.6	GGGG		
2672-13223	00000/0000	2-20036/1205	11/24/76	80	9368	4555N 05128W	18.9	152.9	GGGG		
2672-13230	00000/0000	2-20036/1206	11/24/76	60	9368	4430N 05201W	20.0	152.3	GGGG		
2672-13232	00000/0000	2-20036/1207	11/24/76	80	9368	4305N 05233W	21.1	151.6	GGGG		
2672-13235	00000/0000	2-20036/1208	11/24/76	90	9368	4140N 05304W	22.2	150.9	GGGG		
2672-16473	00000/0000	2-20036/1209	11/24/76	80	9370	5133N 10037W	14.4	155.6	GGGG		
2673-03102	00000/0000	2-20036/1245	11/25/76	0	9376	4013N 09955E	23.2	150.3	GGGG		
2673-03105	00000/0000	2-20036/1246	11/25/76	0	9376	3849N 09926E	24.3	149.6	GGGG		
2673-03111	00000/0000	2-20036/1247	11/25/76	0	9376	3724N 09858E	25.4	148.9	GGGG		
2673-03114	00000/0000	2-20036/1248	11/25/76	0	9376	3559N 09831E	26.5	148.2	GGGG		
2673-03120	00000/0000	2-20036/1249	11/25/76	0	9376	3433N 09804E	27.5	147.5	GGGG		
2673-03123	00000/0000	2-20036/1250	11/25/76	0	9376	3307N 09738E	28.6	146.8	GGGG		
2673-03125	00000/0000	2-20036/1251	11/25/76	0	9376	3141N 09713E	29.6	146.1	GGGG		
2673-03132	00000/0000	2-20036/1252	11/25/76	10	9376	3016N 09649E	30.6	145.3	GGGG		
2673-03134	00000/0000	2-20036/1253	11/25/76	90	9376	2850N 09624E	31.7	144.6	GGGG		
2673-03141	00000/0000	2-20036/1254	11/25/76	100	9376	2724N 09600E	32.7	143.8	GGGG		
2673-03143	00000/0000	2-20036/1255	11/25/76	90	9376	2557N 09536E	33.7	142.9	GGGG		

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR N8N-US
FROM 12/01/76 TO 12/31/76

PAGE 0057

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2673-03150	00000/0000	2-20036/1256	11/25/76	80	9376	2431N 09513E	34.7	142.1	GGGG		
2673-03152	00000/0000	2-20036/1257	11/25/76	80	9376	2305N 09450E	35.6	141.2	GGGG		
2673-03155	00000/0000	2-20036/1258	11/25/76	20	9376	2138N 09428E	36.6	140.3	GGGG		
2673-03161	00000/0000	2-20036/1259	11/25/76	10	9376	2012N 09406E	37.5	139.4	GGGG		
2673-04493	00000/0000	2-20036/1260	11/25/76	40	9377	5419N 08010E	12.1	157.0	GGGG		
2673-04495	00000/0000	2-20036/1261	11/25/76	80	9377	5255N 07925E	13.2	156.3	GGGG		
2673-04502	00000/0000	2-20036/1262	11/25/76	10	9377	5131N 07843E	14.3	155.6	GGGG		
2673-04504	00000/0000	2-20036/1263	11/25/76	0	9377	5007N 07803E	15.5	154.9	GGGG		
2673-04511	00000/0000	2-20036/1264	11/25/76	0	9377	4843N 07724E	16.6	154.2	GGGG		
2673-04513	00000/0000	2-20036/1265	11/25/76	10	9377	4718N 07648E	17.7	153.6	GGGG		
2673-04520	00000/0000	2-20036/1266	11/25/76	0	9377	4553N 07612E	18.8	152.9	GGGG		
2673-04522	00000/0000	2-20036/1267	11/25/76	0	9377	4428N 07539E	19.9	152.2	GGGG		
2673-04525	00000/0000	2-20036/1268	11/25/76	0	9377	4304N 07507E	21.0	151.6	GGGG		
2673-04531	00000/0000	2-20036/1269	11/25/76	0	9377	4139N 07435E	22.1	150.9	GGGG		
2673-04534	00000/0000	2-20036/1270	11/25/76	0	9377	4013N 07405E	23.2	150.3	GGGG		
2673-04540	00000/0000	2-20036/1271	11/25/76	0	9377	3848N 07336E	24.3	149.6	GGGG		
2673-04543	00000/0000	2-20036/1272	11/25/76	0	9377	3723N 07308E	25.4	148.9	GGGG		
2673-04545	00000/0000	2-20036/1273	11/25/76	0	9377	3557N 07241E	26.4	148.2	GGGG		
2673-04552	00000/0000	2-20036/1274	11/25/76	0	9377	3432N 07214E	27.5	147.5	GGGG		
2673-04554	00000/0000	2-20036/1275	11/25/76	0	9377	3306N 07148E	28.6	146.8	GGGG		
2673-04561	00000/0000	2-20036/1276	11/25/76	0	9377	3139N 07123E	29.6	146.1	GGGG		
2673-04563	00000/0000	2-20036/1277	11/25/76	0	9377	3013N 07059E	30.6	145.3	GGGG		
2673-04575	00000/0000	2-20036/1278	11/25/76	0	9377	2556N 06948E	33.7	142.9	GGGG		
2673-04581	00000/0000	2-20036/1279	11/25/76	20	9377	2429N 06925E	34.7	142.1	GGGG		
2673-04584	00000/0000	2-20036/1280	11/25/76	40	9377	2303N 06902E	35.6	141.2	GGGG		
2673-04590	00000/0000	2-20036/1281	11/25/76	30	9377	2137N 06840E	36.6	140.3	GGGG		
2673-04593	00000/0000	2-20036/1282	11/25/76	20	9377	2011N 06818E	37.5	139.4	GGGG		
2673-06333	00000/0000	2-20036/1283	11/25/76	70	9378	5132N 05253E	14.3	155.6	GGGG		
2673-06340	00000/0000	2-20036/1284	11/25/76	70	9378	5007N 05213E	15.4	154.9	GGGF		
2673-06342	00000/0000	2-20036/1285	11/25/76	10	9378	4843N 05135E	16.6	154.2	GGGF		
2673-06345	00000/0000	2-20036/1286	11/25/76	10	9378	4718N 05059E	17.7	153.5	GGGF		
2673-06351	00000/0000	2-20036/1287	11/25/76	20	9378	4553N 05024E	18.8	152.9	GGGF		
2673-06354	00000/0000	2-20036/1288	11/25/76	40	9378	4428N 04950E	19.9	152.2	GGGF		
2673-06363	00000/0000	2-20036/1344	11/25/76	50	9378	4138N 04847E	22.1	150.9	GGGG		
2673-06365	00000/0000	2-20036/1345	11/25/76	30	9378	4013N 04817E	23.2	150.3	GGGG		
2673-06372	00000/0000	2-20036/1346	11/25/76	50	9378	3848N 04748E	24.3	149.6	GGGF		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0058

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RSLT MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2673-08162	00000/0000	2-20036/1347	11/25/76	40	9379	5257N 02746E	13.1	156.3	GGGG		
2673-08165	00000/0000	2-20036/1348	11/25/76	60	9379	5134N 02704E	14.3	155.6	FGGG		
2673-08171	00000/0000	2-20036/1349	11/25/76	30	9379	5009N 02624E	15.4	154.9	FGGG		
2673-13261	00000/0000	2-20036/1334	11/25/76	90	9382	5256N 04941W	13.1	156.3	GGGG		
2673-13264	00000/0000	2-20036/1335	11/25/76	70	9382	5132N 05023W	14.2	155.6	GGGG		
2673-13270	00000/0000	2-20036/1336	11/25/76	60	9382	5008N 05103W	15.4	154.9	GGGG		
2673-13273	00000/0000	2-20036/1337	11/25/76	20	9382	4843N 05142W	16.5	154.2	FGGG		
2673-13275	00000/0000	2-20036/1338	11/25/76	60	9382	4719N 05218W	17.6	153.5	GGGG		
2673-13282	00000/0000	2-20036/1339	11/25/76	30	9382	4555N 05252W	18.7	152.9	FGGG		
2673-13284	00000/0000	2-20036/1340	11/25/76	30	9382	4430N 05325W	19.8	152.2	GGGG		
2673-13291	00000/0000	2-20036/1341	11/25/76	40	9382	4305N 05357W	20.9	151.6	GGGF		
2673-13293	00000/0000	2-20036/1342	11/25/76	60	9382	4139N 05428W	22.0	150.9	GGGG		
2673-15102	00000/0000	2-20036/1343	11/25/76	20	9383	5009N 07653W	15.4	154.9	GGGG		
2673-15484	2-20037/1363	00000/0000	11/25/76	80	9383	7837S 14830W	20.8	92.6	GGG		
2673-15490	2-20037/1364	00000/0000	11/25/76	80	9383	7928S 15450W	19.7	98.4	GGG		
2673-15493	2-20037/1365	00000/0000	11/25/76	50	9383	8010S 16210W	18.6	105.2	GGG		
2674-00102	00000/0000	2-20036/1350	11/26/76	90	9388	3141S 13140E	50.7	84.8	GGGG		
2674-01334	00000/0000	2-20036/1351	11/26/76	50	9389	3722N 12320E	25.2	148.9	GGGG		
2674-01352	00000/0000	2-20036/1352	11/26/76	10	9389	3139N 12134E	29.4	146.1	GFGG		
2674-01354	00000/0000	2-20036/1353	11/26/76	0	9389	3013N 12109E	30.5	145.4	GGFG		
2674-01361	00000/0000	2-20036/1354	11/26/76	0	9389	2847N 12045E	31.5	144.6	GGGG		
2674-01363	00000/0000	2-20036/1355	11/26/76	10	9389	2722N 12022E	32.5	143.8	GGGG		
2674-03151	00000/0000	2-20036/1522	11/26/76	20	9390	4306N 09932E	20.8	151.6	GGFG		
2674-03154	00000/0000	2-20036/1523	11/26/76	10	9390	4141N 09900E	21.9	151.0	GGGG		
2674-03160	00000/0000	2-20036/1524	11/26/76	30	9390	4016N 09830E	23.0	150.3	GGGG		
2674-03163	00000/0000	2-20036/1525	11/26/76	0	9390	3851N 09801E	24.1	149.6	GGGG		
2674-03174	00000/0000	2-20036/1526	11/26/76	0	9390	3434N 09639E	27.3	147.6	GGGG		
2674-03181	00000/0000	2-20036/1527	11/26/76	10	9390	3309N 09613E	28.3	146.9	GGGG		
2674-03183	00000/0000	2-20036/1528	11/26/76	30	9390	3144N 09548E	29.4	146.1	GGGG		
2674-03190	00000/0000	2-20036/1529	11/26/76	80	9390	3018N 09523E	30.4	145.4	GGGG		
2674-03192	00000/0000	2-20036/1530	11/26/76	90	9390	2852N 09458E	31.4	144.6	GGGG		
2674-03195	00000/0000	2-20036/1531	11/26/76	90	9390	2725N 09434E	32.5	143.8	GGGG		
2674-03201	00000/0000	2-20036/1532	11/26/76	80	9390	2559N 09411E	33.5	143.0	GGFG		
2674-03204	00000/0000	2-20036/1533	11/26/76	100	9390	2432N 09348E	34.4	142.2	GGGG		
2674-03210	00000/0000	2-20036/1534	11/26/76	90	9390	2306N 09325E	35.4	141.3	GGGG		
2674-03213	00000/0000	2-20036/1535	11/26/76	60	9390	2140N 09303E	36.4	140.4	GFGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 177

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0059

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2674-03215	00000/0000 2-20036/1536	11/26/76	70	9390	2014N	09241E	37.3 139.5	GGGG		
2674-04553	00000/0000 2-20036/1537	11/26/76	10	9391	5258N	07800E	13.0 156.3	GGGG		
2674-04560	00000/0000 2-20036/1538	11/26/76	10	9391	5134N	07717E	14.1 155.6	GGGG		
2674-04562	00000/0000 2-20036/1539	11/26/76	0	9391	5010N	07637E	15.2 154.9	GGGG		
2674-04565	00000/0000 2-20036/1540	11/26/76	0	9391	4845N	07558E	16.3 154.2	GGGG		
2674-04571	00000/0000 2-20036/1541	11/26/76	0	9391	4721N	07522E	17.5 153.6	GGGG		
2674-04585	00000/0000 2-20036/1542	11/26/76	0	9391	4141N	07311E	21.9 151.0	GGGG		
2674-04592	00000/0000 2-20036/1543	11/26/76	0	9391	4016N	07241E	23.0 150.3	GGGG		
2674-04594	00000/0000 2-20036/1544	11/26/76	10	9391	3850N	07212E	24.1 149.6	GGGG		
2674-05001	00000/0000 2-20036/1545	11/26/76	10	9391	3725N	07144E	25.1 149.0	GGGG		
2674-05003	00000/0000 2-20036/1546	11/26/76	10	9391	3600N	07116E	26.2 148.3	GGGG		
2674-05010	00000/0000 2-20036/1547	11/26/76	0	9391	3434N	07049E	27.3 147.6	GGGG		
2674-05012	00000/0000 2-20036/1548	11/26/76	0	9391	3308N	07023E	28.3 146.9	GGGG		
2674-05015	00000/0000 2-20036/1549	11/26/76	0	9391	3142N	06958E	29.4 146.1	GGGG		
2674-05021	00000/0000 2-20036/1550	11/26/76	0	9391	3016N	06933E	30.4 145.4	GGGG		
2674-05024	00000/0000 2-20036/1551	11/26/76	0	9391	2850N	06909E	31.4 144.6	GGGG		
2674-05030	00000/0000 2-20036/1552	11/26/76	0	9391	2724N	06846E	32.4 143.8	GGGG		
2674-05033	00000/0000 2-20036/1553	11/26/76	0	9391	2558N	06822E	33.4 143.0	GGGG		
2674-05035	00000/0000 2-20036/1554	11/26/76	0	9391	2432N	06800E	34.4 142.2	GGGG		
2674-05042	00000/0000 2-20036/1555	11/26/76	0	9391	2306N	06737E	35.4 141.3	GGGG		
2674-05044	00000/0000 2-20036/1556	11/26/76	10	9391	2139N	06715E	36.4 140.4	GGGG		
2674-05051	00000/0000 2-20036/1557	11/26/76	10	9391	2013N	06653E	37.3 139.5	GGGG		
2674-06421	00000/0000 2-20036/1357	11/26/76	60	9392	4140N	04722E	21.9 150.9	GGGG		
2674-06423	00000/0000 2-20036/1358	11/26/76	50	9392	4015N	04652E	23.0 150.3	GGGG		
2674-06430	00000/0000 2-20036/1359	11/26/76	20	9392	3850N	04623E	24.0 149.6	GGGG		
2674-08221	00000/0000 2-20036/1360	11/26/76	100	9393	5256N	02620E	12.9 156.2	GGGG		
2674-08223	00000/0000 2-20036/1361	11/26/76	90	9393	5133N	02538E	14.1 155.5	GGGG		
2674-08230	00000/0000 2-20036/1362	11/26/76	80	9393	5009N	02458E	15.2 154.9	GGGG		
2674-13315	00000/0000 2-20036/1236	11/26/76	90	9396	5259N	05103W	12.9 156.2	GGGG		
2674-13322	00000/0000 2-20036/1237	11/26/76	90	9396	5135N	05145W	14.0 155.5	GGGG		
2674-13324	00000/0000 2-20036/1238	11/26/76	80	9396	5011N	05225W	15.1 154.9	GGGG		
2674-13331	00000/0000 2-20036/1239	11/26/76	90	9396	4847N	05303W	16.3 154.2	GGGG		
2674-13333	00000/0000 2-20036/1240	11/26/76	60	9396	4722N	05340W	17.4 153.5	GGGG		
2674-13340	00000/0000 2-20036/1241	11/26/76	60	9396	4557N	05416W	18.5 152.9	GGGG		
2674-13342	00000/0000 2-20036/1242	11/26/76	60	9396	4432N	05450W	19.6 152.3	GGGG		
2674-13345	00000/0000 2-20036/1243	11/26/76	60	9396	4307N	05522W	20.7 151.6	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0060

OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2674-13351	00000/0000	2-20036/1244	11/26/76	60	9396	4142N 05553W	21.8	151.0	GGGG		
2674-15544	2-20037/1367	00000/0000	11/26/76	90	9397	7926S 15548W	19.9	98.1	GGG		
2674-15551	2-20037/1368	00000/0000	11/26/76	90	9397	8008S 16301W	18.8	104.8	GGG		
2674-16591	00000/0000	2-20036/1356	11/26/76	40	9398	5011N 10406W	15.1	154.9	GGGG		
2675-01392	00000/0000	2-20036/1363	11/27/76	50	9403	3723N 12153E	25.0	149.0	GGGG		
2675-01394	00000/0000	2-20036/1364	11/27/76	30	9403	3558N 12125E	26.0	148.3	GGGG		
2675-01401	00000/0000	2-20036/1365	11/27/76	40	9403	3433N 12059E	27.1	147.6	GGGG		
2675-01403	00000/0000	2-20036/1366	11/27/76	20	9403	3308N 12033E	28.1	146.9	FGGG		
2675-01410	00000/0000	2-20036/1367	11/27/76	0	9403	3142N 12008E	29.2	146.2	GGGG		
2675-01412	00000/0000	2-20036/1368	11/27/76	0	9403	3016N 11943E	30.2	145.4	GGGG		
2675-01421	00000/0000	2-20036/1369	11/27/76	60	9403	2723N 11856E	32.3	143.9	GGGG		
2675-01424	00000/0000	2-20036/1370	11/27/76	60	9403	2557N 11833E	33.3	143.1	GGGG		
2675-01430	00000/0000	2-20036/1371	11/27/76	20	9403	2432N 11810E	34.3	142.2	GGGG		
2675-03203	00000/0000	2-20036/1289	11/27/76	30	9404	4430N 09836E	19.5	152.2	GGGG		
2675-03205	00000/0000	2-20036/1290	11/27/76	20	9404	4305N 09804E	20.6	151.6	GGGG		
2675-03212	00000/0000	2-20036/1291	11/27/76	0	9404	4140N 09732E	21.7	150.9	GGGG		
2675-03214	00000/0000	2-20036/1292	11/27/76	0	9404	4015N 09702E	22.8	150.3	GGGG		
2675-03221	00000/0000	2-20036/1293	11/27/76	10	9404	3850N 09633E	23.9	149.6	GGGG		
2675-03223	00000/0000	2-20036/1294	11/27/76	20	9404	3724N 09605E	25.0	149.0	GGGG		
2675-03230	00000/0000	2-20036/1295	11/27/76	30	9404	3559N 09538E	26.0	148.3	GGGG		
2675-03232	00000/0000	2-20036/1296	11/27/76	10	9404	3433N 09512E	27.1	147.6	GGGG		
2675-03235	00000/0000	2-20036/1297	11/27/76	10	9404	3307N 09445E	28.1	146.9	GGGG		
2675-03241	00000/0000	2-20036/1298	11/27/76	20	9404	3142N 09420E	29.2	146.2	GGGG		
2675-03244	00000/0000	2-20036/1299	11/27/76	60	9404	3016N 09355E	30.2	145.4	GGGG		
2675-03250	00000/0000	2-20036/1300	11/27/76	70	9404	2850N 09331E	31.2	144.6	GGGG		
2675-03253	00000/0000	2-20036/1301	11/27/76	50	9404	2724N 09307E	32.3	143.9	GGGG		
2675-03255	00000/0000	2-20036/1302	11/27/76	70	9404	2558N 09244E	33.3	143.1	GGGG		
2675-03262	00000/0000	2-20036/1303	11/27/76	90	9404	2432N 09221E	34.3	142.2	GGGF		
2675-03264	00000/0000	2-20036/1304	11/27/76	90	9404	2306N 09158E	35.2	141.4	GGGG		
2675-03271	00000/0000	2-20036/1305	11/27/76	100	9404	2140N 09136E	36.2	140.5	GGGG		
2675-03273	00000/0000	2-20036/1306	11/27/76	100	9404	2013N 09114E	37.1	139.5	GGGG		
2675-03280	00000/0000	2-20036/1307	11/27/76	100	9404	1846N 09053E	38.1	138.6	GGGG		
2675-03282	00000/0000	2-20036/1308	11/27/76	100	9404	1720N 09032E	39.0	137.6	GGGG		
2675-05005	00000/0000	2-20036/1309	11/27/76	0	9405	5422N 07720E	11.6	156.9	GGGG		
2675-05012	00000/0000	2-20036/1310	11/27/76	0	9405	5258N 07635E	12.8	156.2	GGGF		
2675-05014	00000/0000	2-20036/1311	11/27/76	0	9405	5133N 07552E	13.9	155.5	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

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OBSERVATION ID LISTING
FOR NSN=US
FROM 12/01/76 TO 12/31/76

PAGE 0061

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA	MSS IMAGE GAIN
2675-05021	00000/0000	2-20036/1312	11/27/76	0	9405	5009N	07512E	15.0	154.8	GGGG		
2675-05023	00000/0000	2-20036/1313	11/27/76	0	9405	4844N	07433E	16.1	154.2	GGGG		
2675-05030	00000/0000	2-20036/1314	11/27/76	0	9405	4719N	07357E	17.3	153.5	GGGG		
2675-05032	00000/0000	2-20036/1315	11/27/76	10	9405	4555N	07322E	18.4	152.9	GGGG		
2675-05035	00000/0000	2-20036/1316	11/27/76	10	9405	4430N	07248E	19.5	152.2	GGGG		
2675-05041	00000/0000	2-20036/1317	11/27/76	10	9405	4305N	07216E	20.6	151.6	GGGG		
2675-05044	00000/0000	2-20036/1318	11/27/76	10	9405	4140N	07144E	21.7	150.9	GGGG		
2675-05050	00000/0000	2-20036/1319	11/27/76	10	9405	4015N	07114E	22.8	150.3	GGGG		
2675-05053	00000/0000	2-20036/1320	11/27/76	10	9405	3850N	07045E	23.9	149.6	GGGG		
2675-05055	00000/0000	2-20036/1321	11/27/76	10	9405	3724N	07017E	24.9	149.0	GGGG		
2675-05062	00000/0000	2-20036/1322	11/27/76	10	9405	3558N	06950E	26.0	148.3	GGGG		
2675-05064	00000/0000	2-20036/1323	11/27/76	0	9405	3432N	06923E	27.1	147.6	GGGG		
2675-05071	00000/0000	2-20036/1324	11/27/76	0	9405	3307N	06857E	28.1	146.9	GGGG		
2675-05073	00000/0000	2-20036/1325	11/27/76	0	9405	3141N	06832E	29.2	146.2	GGGG		
2675-05080	00000/0000	2-20036/1326	11/27/76	0	9405	3015N	06808E	30.2	145.4	GGGG		
2675-05082	00000/0000	2-20036/1327	11/27/76	0	9405	2849N	06744E	31.2	144.6	FFFF		
2675-05085	00000/0000	2-20036/1328	11/27/76	0	9405	2723N	06720E	32.3	143.9	PGGG		
2675-05091	00000/0000	2-20036/1329	11/27/76	0	9405	2556N	06657E	33.3	143.1	GGGG		
2675-05094	00000/0000	2-20036/1330	11/27/76	0	9405	2430N	06634E	34.2	142.2	FGGG		
2675-05100	00000/0000	2-20036/1331	11/27/76	0	9405	2304N	06611E	35.2	141.4	FGGG		
2675-05103	00000/0000	2-20036/1332	11/27/76	0	9405	2138N	06548E	36.2	140.5	FGGF		
2675-05105	00000/0000	2-20036/1333	11/27/76	0	9405	2012N	06526E	37.1	139.6	FGGG		
2675-06470	00000/0000	2-20036/1575	11/27/76	90	9406	4430N	04701E	19.5	152.2	GGGG		
2675-06473	00000/0000	2-20036/1389	11/27/76	90	9406	4305N	04628E	20.6	151.6	GGGG		
2675-06475	00000/0000	2-20036/1390	11/27/76	90	9406	4140N	04557E	21.7	150.9	GGGG		
2675-06482	00000/0000	2-20036/1391	11/27/76	50	9406	4014N	04526E	22.8	150.3	GGG		
2675-06484	00000/0000	2-20036/1392	11/27/76	10	9406	3849N	04458E	23.9	149.6	GGGG		
2675-08284	00000/0000	2-20036/1393	11/27/76	90	9407	5007N	02332E	15.0	154.8	GGGG		
2675-08290	00000/0000	2-20036/1394	11/27/76	90	9407	4843N	02254E	16.1	154.2	GGGG		
2675-13371	00000/0000	2-20036/1379	11/27/76	90	9410	5422N	05148W	11.6	156.9	GGGG		
2675-13373	00000/0000	2-20036/1380	11/27/76	70	9410	5258N	05233W	12.7	156.2	GGGG		
2675-13380	00000/0000	2-20036/1381	11/27/76	80	9410	5134N	05315W	13.8	155.5	GGGG		
2675-13382	00000/0000	2-20036/1382	11/27/76	60	9410	5010N	05355W	14.9	154.8	GGGG		
2675-13385	00000/0000	2-20036/1383	11/27/76	60	9410	4846N	05432W	16.1	154.2	FGGG		
2675-13391	00000/0000	2-20036/1384	11/27/76	70	9410	4722N	05507W	17.2	153.5	GGGG		
2675-13394	00000/0000	2-20036/1385	11/27/76	80	9410	4557N	05542W	18.3	152.9	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS	MSS DATA	MSS IMAGE
								123 45678	MODE		GAIN
2675-13400	00000/0000	2-20036/1386	11/27/76	80	9410	4432N	05616W	19.4 152.2	GGGG		
2675-13403	00000/0000	2-20036/1387	11/27/76	80	9410	4306N	05648W	20.5 151.6	FGGG		
2675-13405	00000/0000	2-20036/1388	11/27/76	80	9410	4141N	05720W	21.6 150.9	GGGG		
2675-17034	00000/0000	2-20036/0286	11/27/76	50	9412	5422N	10325W	11.5 156.9	GGGG		
2675-17041	00000/0000	2-20036/0287	11/27/76	60	9412	5258N	10410W	12.7 156.2	GGFF		
2675-17043	00000/0000	2-20036/0288	11/27/76	50	9412	5134N	10453W	13.8 155.5	GGFG		
2675-17111	00000/0000	2-20036/0289	11/27/76	50	9412	2850N	11258W	31.1 144.7	GGGG		
2675-17114	00000/0000	2-20036/0293	11/27/76	20	9412	2724N	11322W	32.2 143.9	GG		
2675-17120	00000/0000	2-20036/0290	11/27/76	60	9412	2558N	11345W	33.2 143.1	GGGG		H
2675-17123	00000/0000	2-20036/0291	11/27/76	70	9412	2431N	11408W	34.1 142.2	GGGG		H
2675-17125	00000/0000	2-20036/0292	11/27/76	60	9412	2305N	11431W	35.1 141.4	GGGG		H
2676-01450	00000/0000	2-20036/1395	11/28/76	10	9417	3724N	12030E	24.8 149.0	GGGG		
2676-01453	00000/0000	2-20036/1396	11/28/76	0	9417	3559N	12002E	25.8 148.3	GGGG		
2676-01455	00000/0000	2-20036/1397	11/28/76	0	9417	3433N	11935E	26.9 147.6	GGGG		
2676-01462	00000/0000	2-20036/1398	11/28/76	10	9417	3308N	11910E	28.0 146.9	GGGG		
2676-01464	00000/0000	2-20036/1399	11/28/76	40	9417	3141N	11844E	29.0 146.2	GGGG		
2676-01471	00000/0000	2-20036/1400	11/28/76	20	9417	3015N	11819E	30.0 145.4	GGGG		
2676-01473	00000/0000	2-20036/1401	11/28/76	10	9417	2848N	11755E	31.1 144.7	GGGG		
2676-01480	00000/0000	2-20036/1402	11/28/76	0	9417	2722N	11731E	32.1 143.9	GGGG		
2676-01482	00000/0000	2-20036/1403	11/28/76	10	9417	2557N	11708E	33.1 143.1	GGGG		
2676-01485	00000/0000	2-20036/1404	11/28/76	10	9417	2431N	11646E	34.1 142.3	GGGG		
2676-01491	00000/0000	2-20036/1405	11/28/76	10	9417	2305N	11624E	35.1 141.4	GGGG		
2676-03261	00000/0000	2-20036/1406	11/28/76	10	9418	4428N	09710E	19.3 152.2	PPPP		
2676-03270	00000/0000	2-20036/1407	11/28/76	20	9418	4139N	09607E	21.5 150.9	PPFF		
2676-03273	00000/0000	2-20036/1408	11/28/76	0	9418	4013N	09537E	22.6 150.3	PPFF		
2676-03275	00000/0000	2-20036/1409	11/28/76	0	9418	3848N	09508E	23.7 149.6	PPFF		
2676-03282	00000/0000	2-20036/1410	11/28/76	10	9418	3723N	09440E	24.8 149.0	FFFG		
2676-03284	00000/0000	2-20036/1411	11/28/76	0	9418	3557N	09412E	25.8 148.3	FGFG		
2676-03291	00000/0000	2-20036/1412	11/28/76	30	9418	3431N	09346E	26.9 147.6	PPFF		
2676-03293	00000/0000	2-20036/1413	11/28/76	60	9418	3306N	09320E	28.0 146.9	FGFF		
2676-03300	00000/0000	2-20036/1414	11/28/76	50	9418	3140N	09254E	29.0 146.2	FFFF		
2676-03302	00000/0000	2-20036/1415	11/28/76	20	9418	3014N	09229E	30.0 145.4	GGGG		
2676-03305	00000/0000	2-20036/1416	11/28/76	10	9418	2849N	09205E	31.1 144.7	GGGG		
2676-03311	00000/0000	2-20036/1417	11/28/76	80	9418	2723N	09141E	32.1 143.9	GGGF		
2676-03320	00000/0000	2-20036/1418	11/28/76	30	9418	2431N	09055E	34.1 142.3	FFGG		
2676-03325	00000/0000	2-20036/1419	11/28/76	80	9418	2138N	09011E	36.0 140.5	FFFF		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0063

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2676-03334	00000/0000	2-20036/1420	11/28/76	90	9418	1844N	08927E	37.9	138.7	GGGG	
2676-05063	00000/0000	2-20036/1421	11/28/76	50	9419	5424N	07555E	11.4	156.9	FGGG	
2676-05070	00000/0000	2-20036/1422	11/28/76	50	9419	5300N	07510E	12.5	156.2	GGGG	
2676-05072	00000/0000	2-20036/1423	11/28/76	40	9419	5136N	07427E	13.7	155.5	GGGG	
2676-05075	00000/0000	2-20036/1424	11/28/76	40	9419	5011N	07347E	14.8	154.8	FGGG	
2676-05081	00000/0000	2-20036/1425	11/28/76	40	9419	4847N	07308E	15.9	154.2	GGGG	
2676-05084	00000/0000	2-20036/1426	11/28/76	40	9419	4722N	07232E	17.0	153.5	GGGG	
2676-05090	00000/0000	2-20036/1427	11/28/76	60	9419	4557N	07157E	18.1	152.9	GGGG	
2676-05093	00000/0000	2-20036/1428	11/28/76	70	9419	4433N	07123E	19.3	152.2	FGGF	
2676-05095	00000/0000	2-20036/1429	11/28/76	30	9419	4307N	07051E	20.4	151.6	GGGG	
2676-05102	00000/0000	2-20036/1430	11/28/76	20	9419	4142N	07020E	21.5	150.9	GGGG	
2676-05104	00000/0000	2-20036/1431	11/28/76	10	9419	4017N	06950E	22.5	150.3	GGGG	
2676-05111	00000/0000	2-20036/1432	11/28/76	10	9419	3852N	06921E	23.6	149.6	GGGG	
2676-05113	00000/0000	2-20036/1433	11/28/76	10	9419	3726N	06852E	24.7	149.0	GGGG	
2676-05120	00000/0000	2-20036/1434	11/28/76	10	9419	3601N	06825E	25.8	148.3	GGGG	
2676-05122	00000/0000	2-20036/1435	11/28/76	0	9419	3435N	06758E	26.8	147.6	GGGG	
2676-05125	00000/0000	2-20036/1436	11/28/76	0	9419	3310N	06732E	27.9	146.9	GGGG	
2676-05131	00000/0000	2-20036/1437	11/28/76	0	9419	3144N	06706E	28.9	146.2	GGFF	
2676-05134	00000/0000	2-20036/1438	11/28/76	0	9419	3018N	06641E	30.0	145.5	GGGF	
2676-05140	00000/0000	2-20036/1439	11/28/76	0	9419	2852N	06617E	31.0	144.7	GGGG	
2676-05143	00000/0000	2-20036/1440	11/28/76	0	9419	2726N	06554E	32.0	143.9	GGGF	
2676-05145	00000/0000	2-20036/1441	11/28/76	0	9419	2600N	06530E	33.0	143.1	FGGG	
2676-05152	00000/0000	2-20036/1442	11/28/76	0	9419	2433N	06508E	34.0	142.3	PFFF	
2676-05154	00000/0000	2-20036/1443	11/28/76	0	9419	2307N	06445E	35.0	141.4	FFFF	
2676-05161	00000/0000	2-20036/1444	11/28/76	0	9419	2140N	06423E	36.0	140.6	FFFF	
2676-06492	00000/0000	2-20036/1576	11/28/76	10	9420	5546N	05051E	10.3	157.6	FGF	
2676-06495	00000/0000	2-20036/1577	11/28/76	20	9420	5423N	05004E	11.4	156.9	GGF	
2676-06501	00000/0000	2-20036/1578	11/28/76	20	9420	5259N	04919E	12.5	156.2	GGGG	
2676-06504	00000/0000	2-20036/1579	11/28/76	30	9420	5135N	04837E	13.7	155.5	GFFG	
2676-06510	00000/0000	2-20036/1580	11/28/76	40	9420	5011N	04756E	14.8	154.8	GGGG	
2676-06513	00000/0000	2-20036/1581	11/28/76	50	9420	4847N	04718E	15.9	154.2	GGF	
2676-06515	00000/0000	2-20036/1582	11/28/76	20	9420	4722N	04641E	17.0	153.5	FGFF	
2676-06522	00000/0000	2-20036/1583	11/28/76	60	9420	4557N	04606E	18.1	152.9	FGPG	
2676-06524	00000/0000	2-20036/1584	11/28/76	90	9420	4432N	04533E	19.2	152.2	GGGF	
2676-06531	00000/0000	2-20036/1585	11/28/76	80	9420	4307N	04500E	20.3	151.6	GGGG	
2676-06533	00000/0000	2-20036/1586	11/28/76	90	9420	4142N	04429E	21.4	150.9	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, '77

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0064

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2676-06540	00000/0000	2-20036/1587	11/28/76	70	9420	4016N	04359E	22.5	150.3	GGGG	
2676-06542	00000/0000	2-20036/1588	11/28/76	40	9420	3851N	04330E	23.6	149.6	GGGG	
2676-06545	00000/0000	2-20036/1589	11/28/76	30	9420	3726N	04302E	24.7	149.0	GGFF	
2676-08324	00000/0000	2-20036/1590	11/28/76	90	9421	5546N	02501E	10.3	157.6	FGF	
2676-08330	00000/0000	2-20036/1591	11/28/76	90	9421	5423N	02414E	11.4	156.9	GGGF	
2676-08333	00000/0000	2-20036/1592	11/28/76	90	9421	5259N	02329E	12.5	156.2	GGGF	
2676-13423	00000/0000	2-20036/1445	11/28/76	90	9424	5546N	05223W	10.2	157.6	FGGG	
2676-13425	00000/0000	2-20036/1446	11/28/76	80	9424	5422N	05311W	11.4	156.9	GGGG	
2676-13432	00000/0000	2-20036/1447	11/28/76	80	9424	5258N	05357W	12.5	156.2	GGGG	
2676-13434	00000/0000	2-20036/1448	11/28/76	80	9424	5134N	05439W	13.6	155.5	GGGG	
2676-13441	00000/0000	2-20036/1449	11/28/76	80	9424	5009N	05520W	14.8	154.8	GGGG	
2676-13443	00000/0000	2-20036/1450	11/28/76	90	9424	4844N	05559W	15.9	154.1	GGGG	
2676-13450	00000/0000	2-20036/1451	11/28/76	90	9424	4720N	05635W	17.0	153.5	GGGG	
2676-13452	00000/0000	2-20036/1452	11/28/76	90	9424	4555N	05710W	18.1	152.8	GGGG	
2676-13455	00000/0000	2-20036/1453	11/28/76	90	9424	4430N	05743W	19.2	152.2	GGGG	
2676-13461	00000/0000	2-20036/1454	11/28/76	80	9424	4304N	05815W	20.3	151.6	GGGG	
2676-13464	00000/0000	2-20036/1455	11/28/76	60	9424	4139N	05846W	21.4	150.9	GGGG	
2676-17092	00000/0000	2-20037/0096	11/28/76	10	9426	5425N	10450W	11.3	156.9	FGGG	
2676-17095	00000/0000	2-20037/0097	11/28/76	0	9426	5301N	10535W	12.4	156.2	GGGG	
2676-17101	00000/0000	2-20037/0098	11/28/76	10	9426	5137N	10617W	13.6	155.5	GGGG	
2676-17104	00000/0000	2-20037/0099	11/28/76	10	9426	5012N	10657W	14.7	154.8	GGGG	
2676-17165	00000/0000	2-20037/0095	11/28/76	10	9426	2852N	11425W	30.9	144.7	G	
2676-17172	00000/0000	2-20037/0100	11/28/76	10	9426	2727N	11448W	31.9	143.9	GFG	
2676-17174	00000/0000	2-20037/0101	11/28/76	20	9426	2601N	11511W	32.9	143.1	GGGG	
2676-17181	00000/0000	2-20037/0102	11/28/76	40	9426	2434N	11534W	33.9	142.3	GFGG	
2676-17183	00000/0000	2-20037/0103	11/28/76	50	9426	2307N	11557W	34.9	141.5	GGGG	
2677-01502	00000/0000	2-20036/1456	11/29/76	30	9431	3852N	11932E	23.5	149.6	FGFG	
2677-01504	00000/0000	2-20036/1457	11/29/76	10	9431	3727N	11904E	24.5	149.0	FGGG	
2677-01511	00000/0000	2-20036/1458	11/29/76	0	9431	3602N	11836E	25.6	148.3	FGGG	
2677-01513	00000/0000	2-20036/1459	11/29/76	0	9431	3436N	11809E	26.7	147.6	GGG	
2677-01520	00000/0000	2-20036/1460	11/29/76	20	9431	3309N	11743E	27.7	146.9	GGGG	
2677-01522	00000/0000	2-20036/1461	11/29/76	60	9431	3143N	11718E	28.8	146.2	GFGG	
2677-01525	00000/0000	2-20036/1462	11/29/76	80	9431	3017N	11653E	29.8	145.5	GGGG	
2677-01531	00000/0000	2-20036/1463	11/29/76	90	9431	2851N	11629E	30.8	144.7	FFFF	
2677-01534	00000/0000	2-20036/1464	11/29/76	60	9431	2725N	11606E	31.9	143.9	GGGG	
2677-01540	00000/0000	2-20036/1465	11/29/76	90	9431	2559N	11543E	32.9	143.1	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2677-01543	00000/0000	2-20036/1466	11/29/76	60	9431	2433N	11520E	33.9	142.3	GF	GG	
2677-01545	00000/0000	2-20036/1467	11/29/76	30	9431	2307N	11457E	34.8	141.5	GG	GG	
2677-03310	00000/0000	2-20036/1473	11/29/76	0	9432	4721N	09654E	16.9	153.5	GG	GG	
2677-03313	00000/0000	2-20036/1474	11/29/76	0	9432	4557N	09619E	18.0	152.8	GG	GG	
2677-03315	00000/0000	2-20036/1475	11/29/76	0	9432	4432N	09545E	19.1	152.2	GG	GG	
2677-03322	00000/0000	2-20036/1476	11/29/76	0	9432	4307N	09513E	20.2	151.6	GG	GG	
2677-03324	00000/0000	2-20036/1477	11/29/76	0	9432	4142N	09442E	21.3	150.9	FG	GG	
2677-03331	00000/0000	2-20036/1478	11/29/76	0	9432	4016N	09412E	22.4	150.3	GG	GG	
2677-03333	00000/0000	2-20036/1479	11/29/76	0	9432	3851N	09343E	23.5	149.6	GG	GG	
2677-03340	00000/0000	2-20036/1480	11/29/76	10	9432	3726N	09315E	24.5	149.0	GG	GG	
2677-03342	00000/0000	2-20036/1481	11/29/76	10	9432	3600N	09247E	25.6	148.3	GG	GG	
2677-03345	00000/0000	2-20036/1482	11/29/76	10	9432	3434N	09221E	26.7	147.6	GG	GG	
2677-03351	00000/0000	2-20036/1483	11/29/76	10	9432	3309N	09155E	27.7	146.9	GG	GG	
2677-03354	00000/0000	2-20036/1484	11/29/76	10	9432	3143N	09130E	28.8	146.2	GG	GG	
2677-03360	00000/0000	2-20036/1485	11/29/76	30	9432	3017N	09105E	29.8	145.5	GG	GG	
2677-03363	00000/0000	2-20036/1486	11/29/76	20	9432	2851N	09041E	30.8	144.7	GG	GG	
2677-03365	00000/0000	2-20036/1487	11/29/76	30	9432	2725N	09017E	31.9	143.9	GG	GG	
2677-03372	00000/0000	2-20036/1488	11/29/76	30	9432	2600N	08953E	32.9	143.1	GG	GG	
2677-03374	00000/0000	2-20036/1489	11/29/76	40	9432	2433N	08931E	33.8	142.3	GG	GG	
2677-03381	00000/0000	2-20036/1490	11/29/76	50	9432	2307N	08908E	34.8	141.5	GG	GG	
2677-03383	00000/0000	2-20036/1491	11/29/76	60	9432	2140N	08846E	35.8	140.6	GG	GG	
2677-03390	00000/0000	2-20036/1492	11/29/76	70	9432	2014N	08823E	36.7	139.7	GG	GG	
2677-03392	00000/0000	2-20036/1493	11/29/76	90	9432	1848N	08802E	37.7	138.7	GG	GG	
2677-03395	00000/0000	2-20036/1494	11/29/76	90	9432	1721N	08740E	38.6	137.8	GG	GG	
2677-03401	00000/0000	2-20036/1495	11/29/76	90	9432	1554N	08719E	39.5	136.8	GG		
2677-03404	00000/0000	2-20036/1496	11/29/76	90	9432	1428N	08658E	40.4	135.7	GG	GG	
2677-05115	00000/0000	2-20036/1497	11/29/76	40	9433	5547N	07516E	10.1	157.6	FF	GG	
2677-05121	00000/0000	2-20036/1498	11/29/76	20	9433	5423N	07429E	11.2	156.9	FF	GG	
2677-05124	00000/0000	2-20036/1499	11/29/76	10	9433	5300N	07344E	12.4	156.1	FG	GG	
2677-05130	00000/0000	2-20036/1500	11/29/76	10	9433	5135N	07301E	13.5	155.5	FG	GG	
2677-05133	00000/0000	2-20036/1501	11/29/76	20	9433	5011N	07221E	14.6	154.8	FG	GG	
2677-05135	00000/0000	2-20036/1502	11/29/76	30	9433	4846N	07143E	15.7	154.1	GG	GF	
2677-05142	00000/0000	2-20036/1503	11/29/76	70	9433	4721N	07106E	16.8	153.5	GG	GG	
2677-05144	00000/0000	2-20036/1504	11/29/76	90	9433	4557N	07031E	18.0	152.8	GG	GG	
2677-05151	00000/0000	2-20036/1505	11/29/76	100	9433	4432N	06957E	19.1	152.2	GF	GG	
2677-05153	00000/0000	2-20036/1506	11/29/76	100	9433	4307N	06925E	20.2	151.6	GG	GG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2677-05160	00000/0000	2-20036/1507	11/29/76	90	9433	4142N	06854E	21.3	150.9	GGGG		
2677-05162	00000/0000	2-20036/1508	11/29/76	90	9433	4016N	06824E	22.4	150.3	GFGG		
2677-05165	00000/0000	2-20036/1509	11/29/76	90	9433	3851N	06754E	23.4	149.6	FFGG		
2677-05171	00000/0000	2-20036/1510	11/29/76	40	9433	3725N	06726E	24.5	149.0	GGGG		
2677-05174	00000/0000	2-20036/1511	11/29/76	10	9433	3600N	06659E	25.6	148.3	GGGG		
2677-05180	00000/0000	2-20036/1512	11/29/76	0	9433	3434N	06632E	26.7	147.6	GGGG		
2677-05183	00000/0000	2-20036/1513	11/29/76	0	9433	3308N	06607E	27.7	146.9	FGGG		
2677-05185	00000/0000	2-20036/1514	11/29/76	0	9433	3142N	06541E	28.8	146.2	GGGG		
2677-05192	00000/0000	2-20036/1515	11/29/76	0	9433	3016N	06516E	29.8	145.5	GFGF		
2677-05194	00000/0000	2-20036/1516	11/29/76	0	9433	2851N	06452E	30.8	144.7	GGGG		
2677-05201	00000/0000	2-20036/1517	11/29/76	0	9433	2726N	06428E	31.8	143.9	GGGG		
2677-05203	00000/0000	2-20036/1518	11/29/76	0	9433	2600N	06404E	32.8	143.1	GGGG		
2677-05210	00000/0000	2-20036/1519	11/29/76	10	9433	2433N	06342E	33.8	142.3	GFGG		
2677-05212	00000/0000	2-20036/1520	11/29/76	10	9433	2306N	06319E	34.8	141.5	PGGG		
2677-05215	00000/0000	2-20036/1521	11/29/76	10	9433	2140N	06257E	35.8	140.6	FGGG		
2677-06562	00000/0000	2-20037/0608	11/29/76	100	9434	5134N	04710E	13.5	155.5	GGGG		
2677-06571	00000/0000	2-20036/0723	11/29/76	90	9434	4845N	04553E	15.7	154.1	GGGG		
2677-06573	00000/0000	2-20036/1558	11/29/76	90	9434	4720N	04516E	16.8	153.5	GGGF		
2677-06580	00000/0000	2-20036/1559	11/29/76	100	9434	4556N	04441E	18.0	152.8	FGGF		
2677-06582	00000/0000	2-20036/1560	11/29/76	90	9434	4431N	04407E	19.1	152.2	FGFG		
2677-06585	00000/0000	2-20036/1561	11/29/76	10	9434	4306N	04335E	20.2	151.6	FGGG		
2677-08382	00000/0000	2-20036/1562	11/29/76	90	9435	5546N	02336E	10.1	157.6	FFGG		
2677-13481	00000/0000	2-20037/0412	11/29/76	50	9438	5549N	05349W	10.0	157.6	GGG		
2677-13483	00000/0000	2-20037/0411	11/29/76	90	9438	5424N	05437W	11.2	156.8	G GG		
2677-13490	00000/0000	2-20037/0413	11/29/76	100	9438	5300N	05523W	12.3	156.1	FPGG		
2677-13492	00000/0000	2-20037/0414	11/29/76	100	9438	5136N	05605W	13.4	155.4	GGGG		
2677-13495	00000/0000	2-20037/0415	11/29/76	100	9438	5012N	05645W	14.5	154.8	GGGG		
2677-13501	00000/0000	2-20037/0416	11/29/76	100	9438	4847N	05724W	15.7	154.1	GGGG		
2677-13504	00000/0000	2-20037/0417	11/29/76	100	9438	4723N	05800W	16.8	153.5	GFGG		
2677-13510	00000/0000	2-20037/0418	11/29/76	100	9438	4558N	05835W	17.9	152.8	GGGG		
2677-13513	00000/0000	2-20037/0419	11/29/76	100	9438	4433N	05909W	19.0	152.2	GGGG		
2677-13515	00000/0000	2-20037/0420	11/29/76	100	9438	4308N	05941W	20.1	151.6	GGGG		
2677-13522	00000/0000	2-20037/0421	11/29/76	100	9438	4142N	06012W	21.2	150.9	GGGG		
2677-15330	00000/0000	2-20037/0422	11/29/76	20	9439	5012N	08235W	14.5	154.8	GGGG		
2677-17150	00000/0000	2-20037/0582	11/29/76	60	9440	5423N	10616W	11.1	156.8	FGGF		
2677-17153	00000/0000	2-20037/0583	11/29/76	70	9440	5259N	10701W	12.3	156.1	FGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0067

OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2677-17155	00000/0000	2-20037/0584	11/29/76	80	9440	5135N	10744W	13.4	155.4	GGGG		
2677-17162	00000/0000	2-20037/0585	11/29/76	50	9440	5011N	10824W	14.5	154.8	GGGG		
2677-17221	00000/0000	2-20037/0586	11/29/76	0	9440	3017N	11527W	29.7	145.5	GGGG		
2678-01553	00000/0000	2-20036/1563	11/30/76	40	9445	4016N	11835E	22.2	150.3	FGGF		
2678-01560	00000/0000	2-20036/1564	11/30/76	40	9445	3851N	11806E	23.3	149.6	FFFF		
2678-01562	00000/0000	2-20036/1565	11/30/76	50	9445	3725N	11738E	24.4	149.0	FGGG		
2678-01565	00000/0000	2-20036/1566	11/30/76	80	9445	3600N	11711E	25.4	148.3	FGGF		
2678-01571	00000/0000	2-20036/1567	11/30/76	80	9445	3434N	11644E	26.5	147.6	FGGG		
2678-01574	00000/0000	2-20036/1568	11/30/76	90	9445	3308N	11618E	27.6	146.9	FGGG		
2678-01580	00000/0000	2-20036/1569	11/30/76	90	9445	3142N	11552E	28.6	146.2	GGGG		
2678-01583	00000/0000	2-20036/1570	11/30/76	80	9445	3017N	11527E	29.6	145.5	FGGG		
2678-01585	00000/0000	2-20036/1571	11/30/76	90	9445	2852N	11503E	30.7	144.7	FGGG		
2678-01592	00000/0000	2-20036/1572	11/30/76	90	9445	2725N	11439E	31.7	144.0	GGGG		
2678-02001	00000/0000	2-20036/1573	11/30/76	70	9445	2433N	11353E	33.7	142.3	GGGG		
2678-02003	00000/0000	2-20036/1574	11/30/76	10	9445	2306N	11331E	34.7	141.5	FGGG		
2678-03364	00000/0000	2-20036/1593	11/30/76	0	9446	4721N	09526E	16.7	153.4	PGGF		
2678-03371	00000/0000	2-20036/1594	11/30/76	0	9446	4556N	09451E	17.8	152.8	FFGG		
2678-03373	00000/0000	2-20036/1595	11/30/76	0	9446	4431N	09418E	18.9	152.2	FFGG		
2678-03380	00000/0000	2-20036/1596	11/30/76	0	9446	4306N	09346E	20.0	151.5	PPGG		
2678-03382	00000/0000	2-20036/1597	11/30/76	0	9446	4141N	09315E	21.1	150.9	PFGG		
2678-03385	00000/0000	2-20036/1598	11/30/76	0	9446	4016N	09245E	22.2	150.3	PPFF		
2678-03391	00000/0000	2-20036/1599	11/30/76	0	9446	3850N	09215E	23.3	149.6	FFGF		
2678-03394	00000/0000	2-20036/1600	11/30/76	0	9446	3725N	09147E	24.4	149.0	PGGF		
2678-03400	00000/0000	2-20036/1601	11/30/76	0	9446	3559N	09120E	25.4	148.3	FGGG		
2678-03403	00000/0000	2-20036/1602	11/30/76	10	9446	3434N	09053E	26.5	147.6	FGGG		
2678-03405	00000/0000	2-20036/1603	11/30/76	20	9446	3308N	09027E	27.6	146.9	FGGG		
2678-03412	00000/0000	2-20036/1604	11/30/76	10	9446	3142N	09002E	28.6	146.2	PGGG		
2678-03414	00000/0000	2-20036/1605	11/30/76	10	9446	3016N	08938E	29.6	145.5	FFGG		
2678-03421	00000/0000	2-20036/1606	11/30/76	0	9446	2850N	08914E	30.7	144.7	FFGF		
2678-03423	00000/0000	2-20036/1607	11/30/76	10	9446	2724N	08850E	31.7	144.0	FGPG		
2678-03430	00000/0000	2-20036/1608	11/30/76	10	9446	2558N	08827E	32.7	143.2	PPPG		
2678-03432	00000/0000	2-20036/1609	11/30/76	0	9446	2431N	08805E	33.7	142.3	PPFP		
2678-03435	00000/0000	2-20036/1610	11/30/76	0	9446	2304N	08742E	34.6	141.5	PPGP		
2678-03441	00000/0000	2-20036/1611	11/30/76	10	9446	2140N	08719E	35.6	140.6	PPFP		
2678-03444	00000/0000	2-20036/1612	11/30/76	10	9446	2014N	08657E	36.6	139.7	PPGP		
2678-03450	00000/0000	2-20036/1613	11/30/76	10	9446	1846N	08635E	37.5	138.8	PPGP		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN=US
FROM 12/01/76 TO 12/31/76

PAGE 0068

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	IMAGE QUAL MSS		MSS DATA MODE	MSS IMAGE GAIN
						LAT	LONG			RBV 123	MSS 45678		
2678-03453	00000/0000	2-20036/1614	11/30/76	40	9446	1719N	08614E	38.4	137.8		GGGF		
2678-03455	00000/0000	2-20036/1615	11/30/76	60	9446	1553N	08552E	39.3	136.8		FFFF		
2678-03462	00000/0000	2-20036/1616	11/30/76	50	9446	1427N	08531E	40.2	135.8		FFFF		
2678-05173	00000/0000	2-20036/1617	11/30/76	10	9447	5546N	07349E	9.9	157.5		FGGG		
2678-05180	00000/0000	2-20036/1618	11/30/76	10	9447	5422N	07302E	11.1	156.8		FGGG		
2678-05182	00000/0000	2-20036/1619	11/30/76	10	9447	5258N	07217E	12.2	156.1		GFGF		
2678-05185	00000/0000	2-20036/1620	11/30/76	10	9447	5134N	07135E	13.3	155.4		FGGF		
2678-05191	00000/0000	2-20036/1621	11/30/76	10	9447	5010N	07054E	14.4	154.7		GGGF		
2678-05194	00000/0000	2-20036/1622	11/30/76	10	9447	4845N	07016E	15.6	154.1		FGGF		
2678-05214	00000/0000	2-20036/1623	11/30/76	90	9447	4140N	06727E	21.1	150.9		FFFF		
2678-05221	00000/0000	2-20036/1624	11/30/76	90	9447	4014N	06657E	22.2	150.3		GGGG		
2678-05223	00000/0000	2-20036/1625	11/30/76	90	9447	3849N	06628E	23.3	149.6		GGGG		
2678-05230	00000/0000	2-20036/1626	11/30/76	90	9447	3724N	06559E	24.3	148.9		GGGG		
2678-05232	00000/0000	2-20036/1627	11/30/76	90	9447	3558N	06532E	25.4	148.3		GFGG		
2678-05235	00000/0000	2-20036/1628	11/30/76	80	9447	3432N	06505E	26.5	147.6		GGGG		
2678-05241	00000/0000	2-20036/1629	11/30/76	40	9447	3307N	06439E	27.5	146.9		GGFG		
2678-05244	00000/0000	2-20036/1630	11/30/76	40	9447	3142N	06413E	28.6	146.2		GGGG		
2678-05250	00000/0000	2-20036/1631	11/30/76	30	9447	3016N	06348E	29.6	145.5		FGGF		
2678-05253	00000/0000	2-20036/1632	11/30/76	20	9447	2850N	06324E	30.6	144.7		FGGF		
2678-05255	00000/0000	2-20036/1633	11/30/76	10	9447	2724N	06301E	31.7	143.9		FGGF		
2678-05262	00000/0000	2-20036/1634	11/30/76	20	9447	2558N	06238E	32.7	143.2		GGGG		
2678-05271	00000/0000	2-20036/1635	11/30/76	10	9447	2306N	06153E	34.6	141.5		FGGF		
2678-07023	00000/0000	2-20036/0724	11/30/76	90	9448	5010N	04506E	14.4	154.7		FGGG		
2678-07025	00000/0000	2-20036/0725	11/30/76	100	9448	4846N	04428E	15.5	154.1		GGGG		
2678-07032	00000/0000	2-20036/0726	11/30/76	100	9448	4721N	04351E	16.7	153.4		GGGG		
2678-07034	00000/0000	2-20036/0727	11/30/76	100	9448	4555N	04316E	17.8	152.8		GGGG		
2678-07041	00000/0000	2-20036/0728	11/30/76	60	9448	4430N	04242E	18.9	152.2		GGGG		
2678-07043	00000/0000	2-20036/0729	11/30/76	10	9448	4305N	04210E	20.0	151.5		GGGG		
2678-07050	00000/0000	2-20036/0730	11/30/76	40	9448	4140N	04139E	21.1	150.9		GGGG		
2678-12353	00000/0000	2-20036/1636	11/30/76	90	9451	3014S	05423W	51.0	87.8		P		
2678-12374	00000/0000	2-20036/1637	11/30/76	70	9451	3722S	05633W	48.9	80.4		GGGG		
2678-13535	00000/0000	2-20036/1672	11/30/76	70	9452	5547N	05517W	9.8	157.5		FFFF		
2678-13541	00000/0000	2-20036/1673	11/30/76	70	9452	5423N	05605W	11.0	156.8		FGGF		
2678-13544	00000/0000	2-20036/1674	11/30/76	70	9452	5300N	05650W	12.1	156.1		GGGG		
2678-13550	00000/0000	2-20036/1675	11/30/76	60	9452	5135N	05732W	13.2	155.4		GGGG		
2678-13553	00000/0000	2-20036/1676	11/30/76	50	9452	5012N	05812W	14.4	154.7		GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 77

LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

PAGE 0069

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN
2678-13555	00000/0000	2-20036/1677	11/30/76	70	9452	4848N	05850W	15.5	154.1	GGGF	
2678-13562	00000/0000	2-20036/1678	11/30/76	40	9452	4723N	05927W	16.6	153.4	GGGG	
2678-13564	00000/0000	2-20036/1679	11/30/76	20	9452	4558N	06002W	17.7	152.8	GGGG	
2678-13571	00000/0000	2-20036/1680	11/30/76	20	9452	4433N	06036W	18.8	152.2	GGGF	
2678-13573	00000/0000	2-20036/1681	11/30/76	40	9452	4308N	06109W	19.9	151.5	GGGF	
2678-13580	00000/0000	2-20036/1682	11/30/76	60	9452	4142N	06140W	21.0	150.9	FGGG	
2678-15384	2-20037/1366	00000/0000	11/30/76	10	9453	5013N	08355W	14.3	154.8	GGG	
2678-15385	00000/0000	2-20036/1683	11/30/76	10	9453	5011N	08401W	14.4	154.7	GGGG	
2678-17275	00000/0000	2-20036/1468	11/30/76	0	9454	3016N	11653W	29.5	145.5	GGFG	
2678-17282	00000/0000	2-20036/1472	11/30/76	0	9454	2850N	11717W	30.6	144.7	GG	
2678-17284	00000/0000	2-20036/1469	11/30/76	10	9454	2724N	11741W	31.6	144.0	FFFF	
2678-17291	00000/0000	2-20036/1470	11/30/76	20	9454	2558N	11804W	32.6	143.2	GGGG	
2678-17293	00000/0000	2-20036/1471	11/30/76	40	9454	2431N	11827W	33.6	142.3	GGGG	
2678-22553	00000/0000	2-20036/1638	11/30/76	0	9457	3139S	15019E	50.6	86.3	GGGG	
2679-02012	00000/0000	2-20036/1639	12/01/76	10	9459	4015N	11707E	22.0	150.2	GGGG	
2679-02014	00000/0000	2-20036/1640	12/01/76	0	9459	3850N	11638E	23.1	149.6	GGGG	
2679-02021	00000/0000	2-20036/1641	12/01/76	0	9459	3725N	11610E	24.2	148.9	FGGG	
2679-02023	00000/0000	2-20036/1642	12/01/76	0	9459	3559N	11543E	25.3	148.3	GGGG	
2679-02030	00000/0000	2-20036/1643	12/01/76	0	9459	3433N	11517E	26.3	147.6	GGGG	
2679-02032	00000/0000	2-20036/1644	12/01/76	10	9459	3308N	11451E	27.4	146.9	GGGG	
2679-02035	00000/0000	2-20036/1645	12/01/76	0	9459	3142N	11425E	28.4	146.2	GGGG	
2679-02041	00000/0000	2-20036/1646	12/01/76	30	9459	3015N	11401E	29.5	145.5	GGGG	
2679-02044	00000/0000	2-20036/1647	12/01/76	90	9459	2849N	11337E	30.5	144.7	GGGG	
2679-02050	00000/0000	2-20036/1648	12/01/76	90	9459	2723N	11313E	31.5	144.0	GGGG	
2679-02053	00000/0000	2-20036/1649	12/01/76	100	9459	2557N	11250E	32.5	143.2	GGGG	
2679-02055	00000/0000	2-20036/1650	12/01/76	100	9459	2430N	11227E	33.5	142.4	GGGG	
2679-02062	00000/0000	2-20036/1651	12/01/76	90	9459	2305N	11204E	34.5	141.5	GGGG	
2679-02064	00000/0000	2-20036/1652	12/01/76	40	9459	2139N	11142E	35.4	140.7	GGGG	
2679-03420	00000/0000	2-20036/1693	12/01/76	70	9460	4845N	09438E	15.4	154.0	FGGF	
2679-03423	00000/0000	2-20036/1694	12/01/76	80	9460	4720N	09402E	16.5	153.4	FGGF	
2679-03425	00000/0000	2-20036/1695	12/01/76	30	9460	4555N	09327E	17.6	152.8	FGGF	
2679-03432	00000/0000	2-20036/1696	12/01/76	30	9460	4430N	09253E	18.7	152.1	FFFF	
2679-03434	00000/0000	2-20036/1697	12/01/76	20	9460	4305N	09221E	19.8	151.5	FFFF	
2679-03441	00000/0000	2-20036/1698	12/01/76	60	9460	4140N	09150E	20.9	150.9	FFFF	
2679-03443	00000/0000	2-20036/1699	12/01/76	20	9460	4015N	09120E	22.0	150.2	FGGF	
2679-03450	00000/0000	2-20036/1700	12/01/76	0	9460	3849N	09051E	23.1	149.6	FGGG	

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20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0070

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2679-03452	00000/0000	2-20036/1701	12/01/76	20	9460	3724N	09023E	24.2	148.9	FGGG	
2679-03455	00000/0000	2-20036/1702	12/01/76	30	9460	3558N	08956E	25.3	148.3	FFFG	
2679-03461	00000/0000	2-20036/1703	12/01/76	10	9460	3433N	08929E	26.3	147.6	FGFG	
2679-03464	00000/0000	2-20036/1704	12/01/76	0	9460	3307N	08903E	27.4	146.9	FGGF	
2679-03470	00000/0000	2-20036/1705	12/01/76	0	9460	3141N	08837E	28.4	146.2	FGGF	
2679-03473	00000/0000	2-20036/1706	12/01/76	0	9460	3016N	08812E	29.5	145.5	GGFF	
2679-03475	00000/0000	2-20036/1707	12/01/76	0	9460	2850N	08748E	30.5	144.7	GGGG	
2679-03482	00000/0000	2-20036/1708	12/01/76	10	9460	2724N	08725E	31.5	144.0	GGGG	
2679-03484	00000/0000	2-20036/1709	12/01/76	0	9460	2557N	08702E	32.5	143.2	FFFG	
2679-03491	00000/0000	2-20036/1710	12/01/76	0	9460	2431N	08640E	33.5	142.4	FFGG	
2679-03493	00000/0000	2-20036/1711	12/01/76	0	9460	2305N	08617E	34.5	141.5	FFGG	
2679-03500	00000/0000	2-20036/1712	12/01/76	10	9460	2138N	08555E	35.4	140.6	FGFG	
2679-03502	00000/0000	2-20036/1713	12/01/76	10	9460	2012N	08532E	36.4	139.8	FFFG	
2679-03505	00000/0000	2-20036/1714	12/01/76	10	9460	1846N	08510E	37.3	138.8	GGGF	
2679-03511	00000/0000	2-20036/1715	12/01/76	40	9460	1719N	08449E	38.2	137.9	GGGF	
2679-03514	00000/0000	2-20036/1716	12/01/76	90	9460	1552N	08427E	39.1	136.9	GGGG	
2679-03520	00000/0000	2-20036/1717	12/01/76	30	9460	1426N	08406E	40.0	135.8	GGGF	
2679-03523	00000/0000	2-20036/1718	12/01/76	30	9460	1300N	08346E	40.9	134.8	GGGF	
2679-05231	00000/0000	2-20036/1719	12/01/76	90	9461	5545N	07222E	9.8	157.5	FFFG	
2679-05234	00000/0000	2-20036/1720	12/01/76	90	9461	5422N	07135E	10.9	156.7	GFGG	
2679-05240	00000/0000	2-20036/1721	12/01/76	90	9461	5258N	07050E	12.0	156.0	GFFG	
2679-05243	00000/0000	2-20036/1722	12/01/76	90	9461	5134N	07007E	13.1	155.4	GGGG	
2679-05245	00000/0000	2-20036/1723	12/01/76	70	9461	5009N	06927E	14.3	154.7	GGGG	
2679-05252	00000/0000	2-20036/1724	12/01/76	20	9461	4845N	06849E	15.4	154.0	GGGF	
2679-05254	00000/0000	2-20036/1725	12/01/76	10	9461	4720N	06812E	16.5	153.4	GGGG	
2679-05261	00000/0000	2-20036/1726	12/01/76	40	9461	4555N	06737E	17.6	152.8	GGGG	
2679-05263	00000/0000	2-20036/1727	12/01/76	80	9461	4430N	06704E	18.7	152.1	GGGG	
2679-05270	00000/0000	2-20036/1728	12/01/76	80	9461	4305N	06632E	19.8	151.5	GGGG	
2679-05272	00000/0000	2-20036/1729	12/01/76	70	9461	4140N	06601E	20.9	150.9	GGGG	
2679-05275	00000/0000	2-20036/1730	12/01/76	70	9461	4014N	06530E	22.0	150.2	GGGG	
2679-05281	00000/0000	2-20036/1731	12/01/76	40	9461	3849N	06501E	23.1	149.6	GGGG	
2679-05284	00000/0000	2-20036/1732	12/01/76	10	9461	3723N	06433E	24.2	148.9	GGGG	
2679-05290	00000/0000	2-20036/1733	12/01/76	10	9461	3557N	06406E	25.2	148.3	GGGG	
2679-05293	00000/0000	2-20036/1734	12/01/76	0	9461	3432N	06339E	26.3	147.6	GGGG	
2679-05295	00000/0000	2-20036/1735	12/01/76	10	9461	3307N	06313E	27.4	146.9	GGGG	
2679-05302	00000/0000	2-20036/1736	12/01/76	10	9461	3141N	06247E	28.4	146.2	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0071

OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2679-05304	00000/0000 2-20036/1737	12/01/76	0	9461	3016N	06222E	29.4	145.5	GGGG		
2679-05311	00000/0000 2-20036/1738	12/01/76	0	9461	2850N	06158E	30.5	144.7	GGGG		
2679-05313	00000/0000 2-20036/1739	12/01/76	0	9461	2723N	06135E	31.5	144.0	GGGG		
2679-05320	00000/0000 2-20036/1740	12/01/76	10	9461	2557N	06112E	32.5	143.2	GGGG		
2679-05322	00000/0000 2-20036/1741	12/01/76	10	9461	2431N	06049E	33.5	142.4	GGGG		
2679-07072	00000/0000 2-20036/0731	12/01/76	90	9462	5301N	04503E	12.0	156.1	FGGP		
2679-07074	00000/0000 2-20036/0732	12/01/76	90	9462	5137N	04421E	13.1	155.4	FGGG		
2679-07081	00000/0000 2-20036/0733	12/01/76	90	9462	5012N	04340E	14.2	154.7	FGFG		
2679-07083	00000/0000 2-20036/0734	12/01/76	100	9462	4847N	04302E	15.3	154.1	GG G		
2679-07090	00000/0000 2-20036/0735	12/01/76	100	9462	4723N	04225E	16.4	153.4	GGGG		
2679-07092	00000/0000 2-20036/0736	12/01/76	70	9462	4558N	04149E	17.6	152.8	GGGG		
2679-07095	00000/0000 2-20036/0737	12/01/76	10	9462	4433N	04115E	18.7	152.2	GGGG		
2679-12432	00000/0000 2-20036/0738	12/01/76	80	9465	3724S	05801W	48.9	80.6	FFFF		
2679-12435	00000/0000 2-20036/0705	12/01/76	10	9465	3848S	05829W	48.4	79.3	GGGF		
2679-14002	00000/0000 2-20036/1684	12/01/76	0	9466	5259N	05815W	11.9	156.0	GGGG		
2679-14005	00000/0000 2-20036/1685	12/01/76	10	9466	5135N	05858W	13.1	155.3	GGGG		
2679-14011	00000/0000 2-20036/1686	12/01/76	10	9466	5011N	05938W	14.2	154.7	GGGG		
2679-14014	00000/0000 2-20036/1687	12/01/76	30	9466	4846N	06016W	15.3	154.0	GGGG		
2679-14020	00000/0000 2-20036/1688	12/01/76	40	9466	4722N	06052W	16.4	153.4	GGGG		
2679-14023	00000/0000 2-20036/1689	12/01/76	20	9466	4557N	06127W	17.5	152.8	GGGG		
2679-14025	00000/0000 2-20036/1690	12/01/76	20	9466	4432N	06201W	18.6	152.1	GGGG		
2679-14032	00000/0000 2-20036/1691	12/01/76	50	9466	4307N	06234W	19.7	151.5	GGGG		
2679-14034	00000/0000 2-20036/1692	12/01/76	80	9466	4141N	06305W	20.8	150.9	GGGG		
2679-17333	00000/0000 2-20036/1742	12/01/76	0	9468	3016N	11818W	29.4	145.5	FGFG		
2679-17340	00000/0000 2-20036/1747	12/01/76	0	9468	2850N	11842W	30.4	144.7	GG		
2679-17342	00000/0000 2-20036/1743	12/01/76	0	9468	2723N	11906W	31.4	144.0	FGGG		
2679-17345	00000/0000 2-20036/1744	12/01/76	10	9468	2557N	11929W	32.4	143.2	FGGG		
2679-17351	00000/0000 2-20036/1745	12/01/76	40	9468	2431N	11952W	33.4	142.4	FGFG		
2679-17354	00000/0000 2-20036/1746	12/01/76	50	9468	2304N	12015W	34.4	141.5	GGFG		
2680-00450	00000/0000 2-20036/0706	12/02/76	10	9472	3307S	12236E	50.2	85.0	GGGG		
2680-02063	00000/0000 2-20036/0707	12/02/76	0	9473	4140N	11612E	20.8	150.8	GGGG		
2680-02070	00000/0000 2-20036/0708	12/02/76	10	9473	4015N	11542E	21.9	150.2	GGGG		
2680-02072	00000/0000 2-20036/0709	12/02/76	10	9473	3849N	11513E	22.9	149.6	GGGG		
2680-02075	00000/0000 2-20036/0710	12/02/76	10	9473	3724N	11445E	24.0	148.9	FGFG		
2680-02081	00000/0000 2-20036/0711	12/02/76	0	9473	3558N	11417E	25.1	148.2	FGGG		
2680-02084	00000/0000 2-20036/0712	12/02/76	0	9473	3432N	11351E	26.2	147.6	FGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0072

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2680-02090	00000/0000	2-20036/0713	12/02/76	0	9473	3307N 11325E	27.2	146.9	FGGG		
2680-02093	00000/0000	2-20036/0714	12/02/76	10	9473	3141N 11300E	28.3	146.2	FFGG		
2680-02095	00000/0000	2-20036/0715	12/02/76	10	9473	3015N 11235E	29.3	145.5	FFGG		
2680-02102	00000/0000	2-20036/0716	12/02/76	10	9473	2850N 11210E	30.3	144.7	FGGG		
2680-02104	00000/0000	2-20036/0717	12/02/76	40	9473	2724N 11146E	31.3	144.0	GFGG		
2680-02111	00000/0000	2-20036/0718	12/02/76	70	9473	2558N 11123E	32.3	143.2	GGGG		
2680-02113	00000/0000	2-20036/0719	12/02/76	30	9473	2431N 11100E	33.3	142.4	GGGG		
2680-02120	00000/0000	2-20036/0720	12/02/76	30	9473	2305N 11038E	34.3	141.5	GGGG		
2680-02122	00000/0000	2-20036/0721	12/02/76	10	9473	2138N 11016E	35.3	140.7	GGGG		
2680-02125	00000/0000	2-20036/0722	12/02/76	60	9473	2012N 10954E	36.2	139.8	GGGG		
2680-03474	00000/0000	2-20036/1763	12/02/76	10	9474	4848N 09313E	15.2	154.0	G		
2680-03481	00000/0000	2-20036/1764	12/02/76	0	9474	4723N 09237E	16.3	153.4	GGGG		
2680-03490	00000/0000	2-20036/1765	12/02/76	10	9474	4433N 09128E	18.5	152.1	GGGG		
2680-03492	00000/0000	2-20036/1766	12/02/76	10	9474	4308N 09056E	19.6	151.5	GGGG		
2680-03495	00000/0000	2-20036/1767	12/02/76	0	9474	4143N 09025E	20.7	150.9	GGGG		
2680-03501	00000/0000	2-20036/1768	12/02/76	0	9474	4018N 08954E	21.8	150.2	FGGG		
2680-03504	00000/0000	2-20036/1769	12/02/76	10	9474	3852N 08925E	22.9	149.6	FGGG		
2680-03510	00000/0000	2-20036/1770	12/02/76	10	9474	3727N 08857E	24.0	148.9	GGGG		
2680-03513	00000/0000	2-20036/1771	12/02/76	0	9474	3601N 08830E	25.0	148.3	GGGG		
2680-03515	00000/0000	2-20036/1772	12/02/76	0	9474	3436N 08803E	26.1	147.6	GGGG		
2680-03522	00000/0000	2-20036/1773	12/02/76	0	9474	3310N 08737E	27.2	146.9	GGGG		
2680-03524	00000/0000	2-20036/1774	12/02/76	0	9474	3144N 08712E	28.2	146.2	GGGG		
2680-03531	00000/0000	2-20036/1775	12/02/76	0	9474	3019N 08647E	29.2	145.5	GGGG		
2680-03533	00000/0000	2-20036/1776	12/02/76	0	9474	2853N 08623E	30.3	144.7	GGGG		
2680-03540	00000/0000	2-20036/1777	12/02/76	10	9474	2727N 08559E	31.3	144.0	FFFF		
2680-03551	00000/0000	2-20036/1778	12/02/76	0	9474	2308N 08451E	34.3	141.6	GGGG		
2680-03554	00000/0000	2-20036/1779	12/02/76	0	9474	2141N 08429E	35.2	140.7	GGGG		
2680-03563	00000/0000	2-20036/1780	12/02/76	10	9474	1848N 08345E	37.1	138.9	GGGG		
2680-03572	00000/0000	2-20036/1781	12/02/76	30	9474	1555N 08302E	38.9	137.0	GGGG		
2680-03574	00000/0000	2-20036/1782	12/02/76	20	9474	1429N 08241E	39.8	135.9	GGGG		
2680-05292	00000/0000	2-20036/1783	12/02/76	70	9475	5425N 07010E	10.7	156.7	PP		
2680-05294	00000/0000	2-20036/1784	12/02/76	90	9475	5300N 06926E	11.8	156.0	PFPP		
2680-05301	00000/0000	2-20036/1785	12/02/76	80	9475	5136N 06844E	12.9	155.3	GGGG		
2680-05303	00000/0000	2-20036/1786	12/02/76	80	9475	5012N 06804E	14.1	154.7	FFFG		
2680-05310	00000/0000	2-20036/1787	12/02/76	70	9475	4847N 06726E	15.2	154.0	GGGG		
2680-05312	00000/0000	2-20036/1788	12/02/76	20	9475	4723N 06650E	16.3	153.4	FFFG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0073

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2680-05315	00000/0000	2-20036/1789	12/02/76	10	9475	4558N	06614E	17.4	152.7	FFPF		
2680-05321	00000/0000	2-20036/1790	12/02/76	20	9475	4433N	06540E	18.5	152.1	PPPG		
2680-05324	00000/0000	2-20036/1791	12/02/76	60	9475	4308N	06506E	19.6	151.5	FPPG		
2680-05330	00000/0000	2-20036/1792	12/02/76	60	9475	4143N	06435E	20.7	150.9	FFFG		
2680-05333	00000/0000	2-20036/1793	12/02/76	40	9475	4018N	06404E	21.8	150.2	GGGG		
2680-05335	00000/0000	2-20036/1794	12/02/76	10	9475	3852N	06335E	22.9	149.6	GGGG		
2680-05342	00000/0000	2-20036/1795	12/02/76	10	9475	3727N	06307E	24.0	148.9	GGGG		
2680-05344	00000/0000	2-20036/1796	12/02/76	10	9475	3601N	06240E	25.0	148.3	GGGG		
2680-05351	00000/0000	2-20036/1797	12/02/76	10	9475	3436N	06213E	26.1	147.6	PFPF		
2680-05353	00000/0000	2-20036/1798	12/02/76	10	9475	3310N	06147E	27.2	146.9	PPPG		
2680-05360	00000/0000	2-20036/1799	12/02/76	0	9475	3144N	06121E	28.2	146.2	PFPF		
2680-05362	00000/0000	2-20036/1800	12/02/76	0	9475	3018N	06056E	29.2	145.5	PFPF		
2680-05365	00000/0000	2-20036/1801	12/02/76	0	9475	2851N	06032E	30.3	144.7	PFPF		
2680-05371	00000/0000	2-20036/1802	12/02/76	10	9475	2725N	06008E	31.3	144.0	PPFG		
2680-05380	00000/0000	2-20036/1803	12/02/76	10	9475	2433N	05922E	33.3	142.4	GFPG		
2680-07130	00000/0000	2-20037/0609	12/02/76	100	9476	5301N	04336E	11.8	156.0	GGGG		
2680-07132	00000/0000	2-20037/0610	12/02/76	100	9476	5137N	04254E	12.9	155.3	GGGG		
2680-07135	00000/0000	2-20037/0611	12/02/76	100	9476	5012N	04214E	14.0	154.7	GGGG		
2680-07141	00000/0000	2-20037/0612	12/02/76	100	9476	4847N	04136E	15.2	154.0	GGGG		
2680-07144	00000/0000	2-20037/0613	12/02/76	90	9476	4722N	04059E	16.3	153.4	FGGG		
2680-07150	00000/0000	2-20037/0614	12/02/76	20	9476	4557N	04023E	17.4	152.7	GGGG		
2680-07153	00000/0000	2-20037/0615	12/02/76	20	9476	4432N	03949E	18.5	152.1	PPGG		
2680-12484	00000/0000	2-20037/0616	12/02/76	40	9479	3559S	05859W	49.4	82.3	FFFF		
2680-12490	00000/0000	2-20037/0587	12/02/76	10	9479	3724S	05927W	48.9	80.9	PPP		
2680-12493	00000/0000	2-20037/0588	12/02/76	10	9479	3850S	05955W	48.3	79.6	GGGG		
2680-14051	00000/0000	2-20036/1748	12/02/76	10	9480	5549N	05808W	9.5	157.4	GGGG		
2680-14054	00000/0000	2-20036/1749	12/02/76	20	9480	5425N	05855W	10.6	156.7	FGGG		
2680-14060	00000/0000	2-20036/1750	12/02/76	20	9480	5301N	05940W	11.7	156.0	GGGG		
2680-14063	00000/0000	2-20036/1751	12/02/76	40	9480	5137N	06023W	12.9	155.3	GGGG		
2680-14065	00000/0000	2-20036/1752	12/02/76	40	9480	5013N	06103W	14.0	154.6	GGGG		
2680-14072	00000/0000	2-20036/1753	12/02/76	80	9480	4848N	06142W	15.1	154.0	GGGG		
2680-14074	00000/0000	2-20036/1754	12/02/76	50	9480	4724N	06218W	16.2	153.4	GGGG		
2680-14081	00000/0000	2-20036/1755	12/02/76	50	9480	4559N	06253W	17.3	152.7	GGGG		
2680-14083	00000/0000	2-20036/1756	12/02/76	60	9480	4434N	06326W	18.4	152.1	GGGG		
2680-14090	00000/0000	2-20036/1757	12/02/76	50	9480	4309N	06359W	19.5	151.5	GG G		
2680-14092	00000/0000	2-20036/1758	12/02/76	70	9480	4144N	06430W	20.6	150.8	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, '77

LANDSAT-2
OBSERVATION ID LISTING
FOR N9N-US
FROM 12/01/76 TO 12/31/76

PAGE 0074

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA	MSS MODE	MSS IMAGE GAIN
2680-17332	00000/0000	2-20036/1759	12/02/76	50	9482	5013N	11241W	14.0	154.6	GGGG		
2680-23081	00000/0000	2-20037/0589	12/02/76	40	9485	3559S	14608E	49.4	82.4	GGGG		
2680-23084	00000/0000	2-20037/0590	12/02/76	90	9485	3725S	14540E	48.9	81.0	GGGG		
2681-00501	00000/0000	2-20037/0591	12/03/76	10	9486	3138S	12138E	50.6	86.9	GGGG		
2681-00504	00000/0000	2-20037/0592	12/03/76	70	9486	3304S	12113E	50.2	85.4	GGGG		
2681-02121	00000/0000	2-20037/0593	12/03/76	60	9487	4143N	11447E	20.6	150.8	GGGG		
2681-02124	00000/0000	2-20037/0594	12/03/76	20	9487	4019N	11416E	21.6	150.2	GGGG		
2681-02130	00000/0000	2-20037/0595	12/03/76	50	9487	3853N	11347E	22.7	149.6	GGGG		
2681-02133	00000/0000	2-20037/0596	12/03/76	90	9487	3727N	11318E	23.8	148.9	GGGG		
2681-02135	00000/0000	2-20037/0597	12/03/76	60	9487	3602N	11251E	24.9	148.2	GGGG		
2681-02142	00000/0000	2-20037/0598	12/03/76	80	9487	3436N	11224E	25.9	147.6	GGGG		
2681-02144	00000/0000	2-20037/0599	12/03/76	90	9487	3310N	11159E	27.0	146.9	GGGG		
2681-02151	00000/0000	2-20037/0600	12/03/76	60	9487	3144N	11134E	28.0	146.2	GGGG		
2681-02153	00000/0000	2-20037/0601	12/03/76	90	9487	3017N	11109E	29.1	145.5	GGGG		
2681-02160	00000/0000	2-20037/0602	12/03/76	90	9487	2851N	11046E	30.1	144.7	GGGG		
2681-02162	00000/0000	2-20037/0603	12/03/76	90	9487	2725N	11022E	31.1	144.0	GGGG		
2681-02165	00000/0000	2-20037/0604	12/03/76	100	9487	2600N	10958E	32.1	143.2	GGGG		
2681-02171	00000/0000	2-20037/0605	12/03/76	100	9487	2434N	10935E	33.1	142.4	GGGG		
2681-02174	00000/0000	2-20037/0606	12/03/76	90	9487	2308N	10912E	34.1	141.6	GGGG		
2681-02180	00000/0000	2-20037/0607	12/03/76	60	9487	2141N	10850E	35.1	140.7	GGGG		
2681-03532	00000/0000	2-20037/0019	12/03/76	90	9488	4848N	09147E	15.0	154.0	GGGG		
2681-03535	00000/0000	2-20037/0020	12/03/76	50	9488	4723N	09110E	16.1	153.3	GGGG		
2681-03541	00000/0000	2-20037/0021	12/03/76	10	9488	4558N	09036E	17.2	152.7	GGGG		
2681-03544	00000/0000	2-20037/0022	12/03/76	30	9488	4433N	09003E	18.3	152.1	GGGG		
2681-03550	00000/0000	2-20037/0023	12/03/76	70	9488	4307N	08930E	19.5	151.4	GGGG		
2681-03553	00000/0000	2-20037/0024	12/03/76	60	9488	4142N	08859E	20.5	150.8	GGGG		
2681-03555	00000/0000	2-20037/0025	12/03/76	40	9488	4017N	08829E	21.6	150.2	GGGG		
2681-03562	00000/0000	2-20037/0026	12/03/76	20	9488	3851N	08759E	22.7	149.5	GGGG		
2681-03564	00000/0000	2-20037/0027	12/03/76	80	9488	3726N	08731E	23.8	148.9	GGGG		
2681-03571	00000/0000	2-20037/0028	12/03/76	40	9488	3600N	08704E	24.9	148.2	GGGG		
2681-03573	00000/0000	2-20037/0029	12/03/76	20	9488	3435N	08637E	25.9	147.6	GGGG		
2681-03580	00000/0000	2-20037/0030	12/03/76	10	9488	3310N	08611E	27.0	146.9	GGGG		
2681-03582	00000/0000	2-20037/0031	12/03/76	0	9488	3144N	08546E	28.0	146.2	GGGG		
2681-03585	00000/0000	2-20037/0032	12/03/76	0	9488	3018N	08521E	29.1	145.5	GGGG		
2681-03591	00000/0000	2-20037/0033	12/03/76	0	9488	2852N	08457E	30.1	144.7	GGGG		
2681-03594	00000/0000	2-20037/0034	12/03/76	10	9488	2726N	08433E	31.1	144.0	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0075

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2681-04000	00000/0000	2-20037/0035	12/03/76	20	9488	2600N 08410E	32.1	143.2	GGGG		
2681-04003	00000/0000	2-20037/0036	12/03/76	30	9488	2433N 08347E	33.1	142.4	GGGG		
2681-04005	00000/0000	2-20037/0037	12/03/76	10	9488	2307N 08325E	34.1	141.6	GGGG		
2681-04012	00000/0000	2-20037/0038	12/03/76	10	9488	2141N 08302E	35.1	140.7	GGGG		
2681-04014	00000/0000	2-20037/0039	12/03/76	40	9488	2014N 08240E	36.0	139.8	GGGG		
2681-04021	00000/0000	2-20037/0040	12/03/76	60	9488	1847N 08218E	37.0	138.9	GGGG		
2681-04023	00000/0000	2-20037/0041	12/03/76	40	9488	1721N 08156E	37.9	138.0	GGGG		
2681-04030	00000/0000	2-20037/0042	12/03/76	60	9488	1555N 08135E	38.8	137.0	GGGG		
2681-04032	00000/0000	2-20037/0043	12/03/76	60	9488	1428N 08115E	39.7	136.0	GGGG		
2681-04035	00000/0000	2-20037/0044	12/03/76	60	9488	1302N 08054E	40.5	134.9	GGGG		
2681-05344	00000/0000	2-20037/0045	12/03/76	80	9489	5548N 06933E	9.4	157.4	PGFF		
2681-05350	00000/0000	2-20037/0046	12/03/76	90	9489	5424N 06846E	10.5	156.6	FGFF		
2681-05353	00000/0000	2-20037/0047	12/03/76	90	9489	5300N 06801E	11.6	155.9	FGGG		
2681-05355	00000/0000	2-20037/0048	12/03/76	80	9489	5136N 06718E	12.8	155.3	GGGG		
2681-05362	00000/0000	2-20037/0049	12/03/76	90	9489	5011N 06637E	13.9	154.6	GGGG		
2681-05364	00000/0000	2-20037/0050	12/03/76	90	9489	4846N 06559E	15.0	154.0	FGGG		
2681-05371	00000/0000	2-20037/0051	12/03/76	40	9489	4722N 06523E	16.1	153.3	GFGG		
2681-05373	00000/0000	2-20037/0052	12/03/76	0	9489	4558N 06449E	17.2	152.7	GGGG		
2681-05380	00000/0000	2-20037/0053	12/03/76	10	9489	4432N 06416E	18.3	152.1	GGGG		
2681-05382	00000/0000	2-20037/0054	12/03/76	0	9489	4307N 06343E	19.4	151.4	GGGG		
2681-05385	00000/0000	2-20037/0055	12/03/76	20	9489	4142N 06312E	20.5	150.8	FGGG		
2681-05391	00000/0000	2-20037/0056	12/03/76	10	9489	4017N 06240E	21.6	150.2	FGGG		
2681-05394	00000/0000	2-20037/0057	12/03/76	30	9489	3852N 06210E	22.7	149.5	GGGG		
2681-05400	00000/0000	2-20037/0058	12/03/76	0	9489	3726N 06141E	23.8	148.9	GGGG		
2681-05403	00000/0000	2-20037/0059	12/03/76	0	9489	3601N 06114E	24.9	148.2	GGGG		
2681-05405	00000/0000	2-20037/0060	12/03/76	50	9489	3435N 06047E	25.9	147.6	GGGG		
2681-05412	00000/0000	2-20037/0061	12/03/76	40	9489	3310N 06021E	27.0	146.9	GGGG		
2681-05414	00000/0000	2-20037/0062	12/03/76	20	9489	3144N 05956E	28.0	146.2	FGGG		
2681-05421	00000/0000	2-20037/0063	12/03/76	40	9489	3017N 05931E	29.1	145.5	FGGG		
2681-05423	00000/0000	2-20037/0064	12/03/76	10	9489	2851N 05906E	30.1	144.7	FGGG		
2681-05430	00000/0000	2-20037/0065	12/03/76	20	9489	2725N 05843E	31.1	144.0	FGGG		
2681-05432	00000/0000	2-20037/0066	12/03/76	80	9489	2558N 05820E	32.1	143.2	FGGG		
2681-07182	00000/0000	2-20036/1869	12/03/76	40	9490	5423N 04254E	10.5	156.6	GGGG		
2681-07184	00000/0000	2-20036/1870	12/03/76	50	9490	5300N 04209E	11.6	155.9	GGGG		
2681-07191	00000/0000	2-20036/1871	12/03/76	90	9490	5136N 04127E	12.8	155.3	GGFG		
2681-07193	00000/0000	2-20036/1872	12/03/76	100	9490	5011N 04047E	13.9	154.6	GGGF		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 77

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0076

OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2681-07200	00000/0000	2-20036/1873	12/03/76	100	9490	4848N 04007E	15.0	154.0	GFGG		
2681-07202	00000/0000	2-20036/1874	12/03/76	80	9490	4724N 03931E	16.1	153.3	GFGG		
2681-07205	00000/0000	2-20036/1875	12/03/76	80	9490	4558N 03856E	17.2	152.7	GGGG		
2681-07211	00000/0000	2-20036/1876	12/03/76	80	9490	4432N 03823E	18.3	152.1	GGFG		
2681-12533	00000/0000	2-20036/1877	12/03/76	0	9493	3305S 05931W	50.2	85.5	GGGG		
2681-12535	00000/0000	2-20036/1848	12/03/76	0	9493	3431S 05957W	49.8	84.0	P		
2681-12542	00000/0000	2-20036/1878	12/03/76	10	9493	3557S 06023W	49.4	82.6	PF		
2681-12544	00000/0000	2-20036/1879	12/03/76	30	9493	3722S 06051W	48.9	81.2	FGGG		
2681-12551	00000/0000	2-20036/1849	12/03/76	20	9493	3847S 06119W	48.4	79.9	FFGF		
2681-12553	00000/0000	2-20036/1850	12/03/76	40	9493	4013S 06149W	47.8	78.6	FFGF		
2681-14141	00000/0000	2-20036/1760	12/03/76	50	9494	4434N 06452W	18.3	152.1	GGGG		
2681-14144	00000/0000	2-20036/1761	12/03/76	80	9494	4309N 06524W	19.4	151.4	GGGG		
2681-14150	00000/0000	2-20036/1762	12/03/76	80	9494	4144N 06555W	20.5	150.8	GGGG		
2681-23130	00000/0000	2-20036/1851	12/03/76	10	9499	3306S 14538E	50.2	85.6	FGGG		
2681-23133	00000/0000	2-20036/1852	12/03/76	60	9499	3431S 14512E	49.8	84.1	FGFG		
2681-23135	00000/0000	2-20036/1853	12/03/76	70	9499	3556S 14444E	49.4	82.7	FGGG		
2681-23142	00000/0000	2-20036/1854	12/03/76	70	9499	3722S 14416E	48.9	81.3	GGGG		
2682-00555	00000/0000	2-20036/1855	12/04/76	20	9500	3140S 12009E	50.5	87.1	FGGG		
2682-00562	00000/0000	2-20036/1856	12/04/76	40	9500	3306S 11944E	50.2	85.6	FFGG		
2682-00564	00000/0000	2-20036/1857	12/04/76	70	9500	3432S 11918E	49.8	84.1	FGGF		
2682-02180	00000/0000	2-20036/1858	12/04/76	50	9501	4143N 11321E	20.4	150.8	GGGG		
2682-02182	00000/0000	2-20036/1859	12/04/76	10	9501	4017N 11251E	21.5	150.1	GGGG		
2682-02185	00000/0000	2-20036/1860	12/04/76	30	9501	3852N 11221E	22.6	149.5	GFGG		
2682-02191	00000/0000	2-20036/1861	12/04/76	80	9501	3727N 11153E	23.6	148.9	GFFG		
2682-02194	00000/0000	2-20036/1862	12/04/76	90	9501	3601N 11125E	24.7	148.2	GGFG		
2682-02200	00000/0000	2-20036/1863	12/04/76	90	9501	3435N 11059E	25.8	147.5	GFFG		
2682-02203	00000/0000	2-20036/1864	12/04/76	90	9501	3309N 11033E	26.8	146.9	GGGG		
2682-02221	00000/0000	2-20036/1865	12/04/76	100	9501	2725N 10856E	31.0	144.0	GFGG		
2682-02223	00000/0000	2-20036/1866	12/04/76	100	9501	2559N 10832E	32.0	143.2	GGGF		
2682-02230	00000/0000	2-20036/1867	12/04/76	90	9501	2433N 10809E	33.0	142.4	GGGG		
2682-02232	00000/0000	2-20036/1868	12/04/76	90	9501	2306N 10747E	33.9	141.6	GFFG		
2682-03584	00000/0000	2-20036/1881	12/04/76	40	9502	5011N 09100E	13.7	154.6	PPP		
2682-03591	00000/0000	2-20036/1882	12/04/76	60	9502	4846N 09021E	14.9	153.9	PPP		
2682-03593	00000/0000	2-20036/1883	12/04/76	70	9502	4722N 08945E	16.0	153.3	PGGP		
2682-04000	00000/0000	2-20036/1884	12/04/76	90	9502	4557N 08910E	17.1	152.6	PGGP		
2682-04002	00000/0000	2-20036/1885	12/04/76	90	9502	4432N 08837E	18.2	152.0	GFGG		

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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
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20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

PAGE 0077

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
										123 45678		
2682-04005	00000/0000	2-20036/1886	12/04/76	70	9502	4307N	08805E	19.3	151.4	PPFP		
2682-04011	00000/0000	2-20036/1887	12/04/76	30	9502	4143N	08733E	20.4	150.8	PPPF		
2682-04014	00000/0000	2-20036/1888	12/04/76	10	9502	4018N	08703E	21.5	150.1	PPPF		
2682-04020	00000/0000	2-20036/1889	12/04/76	40	9502	3852N	08633E	22.6	149.5	PPPF		
2682-04023	00000/0000	2-20036/1890	12/04/76	40	9502	3726N	08605E	23.6	148.9	PPPF		
2682-04025	00000/0000	2-20036/1891	12/04/76	30	9502	3601N	08537E	24.7	148.2	PPPF		
2682-04032	00000/0000	2-20036/1892	12/04/76	40	9502	3435N	08511E	25.8	147.5	PPPF		
2682-04034	00000/0000	2-20036/1893	12/04/76	30	9502	3309N	08445E	26.8	146.9	PPPF		
2682-04052	00000/0000	2-20036/1894	12/04/76	10	9502	2725N	08308E	31.0	144.0	PPPF		
2682-04055	00000/0000	2-20036/1895	12/04/76	0	9502	2559N	08244E	32.0	143.2	PPFP		
2682-04061	00000/0000	2-20036/1896	12/04/76	0	9502	2433N	08221E	33.0	142.4	PPPF		
2682-04064	00000/0000	2-20036/1897	12/04/76	0	9502	2306N	08157E	33.9	141.6	PPPF		
2682-04070	00000/0000	2-20036/1898	12/04/76	0	9502	2140N	08135E	34.9	140.7	PPPF		
2682-04073	00000/0000	2-20036/1899	12/04/76	0	9502	2014N	08114E	35.9	139.8	PPPF		
2682-04075	00000/0000	2-20036/1900	12/04/76	30	9502	1847N	08052E	36.8	138.9	FGPF		
2682-04082	00000/0000	2-20036/1901	12/04/76	80	9502	1721N	08031E	37.7	138.0	FGFF		
2682-04084	00000/0000	2-20036/1902	12/04/76	70	9502	1554N	08009E	38.6	137.0	FGGP		
2682-04091	00000/0000	2-20036/1903	12/04/76	70	9502	1427N	07948E	39.5	136.0	FGGP		
2682-04093	00000/0000	2-20036/1904	12/04/76	70	9502	1301N	07928E	40.4	135.0	GGGF		
2682-05404	00000/0000	2-20037/0001	12/04/76	40	9503	5423N	06717E	10.4	156.6	FFGG		
2682-05411	00000/0000	2-20037/0002	12/04/76	40	9503	5259N	06633E	11.5	155.9	FFGG		
2682-05413	00000/0000	2-20037/0003	12/04/76	40	9503	5134N	06551E	12.6	155.2	GGGG		
2682-05420	00000/0000	2-20037/0004	12/04/76	60	9503	5010N	06510E	13.7	154.5	GGGG		
2682-05422	00000/0000	2-20037/0005	12/04/76	40	9503	4846N	06431E	14.9	153.9	GGGG		
2682-05425	00000/0000	2-20037/0006	12/04/76	0	9503	4722N	06354E	16.0	153.3	GGGG		
2682-05431	00000/0000	2-20037/0007	12/04/76	0	9503	4557N	06319E	17.1	152.6	GGGG		
2682-05434	00000/0000	2-20037/0008	12/04/76	0	9503	4432N	06245E	18.2	152.0	PPPF		
2682-05440	00000/0000	2-20037/0009	12/04/76	0	9503	4307N	06213E	19.3	151.4	PPPF		
2682-05443	00000/0000	2-20037/0010	12/04/76	20	9503	4142N	06141E	20.4	150.8	PPPF		
2682-05445	00000/0000	2-20037/0011	12/04/76	20	9503	4017N	06111E	21.5	150.1	FFGG		
2682-05452	00000/0000	2-20037/0012	12/04/76	0	9503	3851N	06043E	22.6	149.5	FGGF		
2682-05454	00000/0000	2-20037/0013	12/04/76	30	9503	3726N	06014E	23.6	148.9	FFFF		
2682-05461	00000/0000	2-20037/0014	12/04/76	60	9503	3600N	05947E	24.7	148.2	FFFF		
2682-05463	00000/0000	2-20037/0015	12/04/76	60	9503	3434N	05921E	25.8	147.5	GGFF		
2682-05470	00000/0000	2-20037/0016	12/04/76	50	9503	3308N	05855E	26.8	146.9	GGGG		
2682-05472	00000/0000	2-20037/0017	12/04/76	20	9503	3142N	05830E	27.9	146.2	FGFG		

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0078

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2682-05475	00000/0000	2-20037/0018	12/04/76	0	9503	3016N	05805E	28.9	145.4	FGGP	
2682-05490	00000/0000	2-20036/1880	12/04/76	40	9503	2557N	05654E	32.0	143.2	GGGF	
2682-07242	00000/0000	2-20037/0086	12/04/76	90	9504	5300N	04044E	11.5	155.9	GGGF	
2682-07245	00000/0000	2-20037/0087	12/04/76	90	9504	5135N	04001E	12.6	155.2	GGGF	
2682-07251	00000/0000	2-20037/0088	12/04/76	90	9504	5010N	03921E	13.7	154.5	GGGF	
2682-07254	00000/0000	2-20037/0089	12/04/76	80	9504	4846N	03843E	14.8	153.9	GGGF	
2682-07260	00000/0000	2-20037/0090	12/04/76	70	9504	4722N	03806E	16.0	153.3	GGGF	
2682-07263	00000/0000	2-20037/0091	12/04/76	30	9504	4557N	03731E	17.1	152.6	FFGF	
2682-07265	00000/0000	2-20037/0092	12/04/76	60	9504	4432N	03658E	18.2	152.0	GGGF	
2682-12591	00000/0000	2-20037/0093	12/04/76	0	9507	3307S	06100W	50.2	85.7	GGGF	
2682-13005	00000/0000	2-20037/0094	12/04/76	0	9507	3849S	06247W	48.3	80.1	FFGF	
2682-13012	00000/0000	2-20037/0067	12/04/76	0	9507	4015S	06316W	47.8	78.8	GGGF	
2682-14184	00000/0000	2-20036/1372	12/04/76	10	9508	4847N	06433W	14.8	153.9	GGGF	
2682-14205	00000/0000	2-20036/1373	12/04/76	70	9508	4143N	06721W	20.3	150.8	GGGF	
2682-14211	00000/0000	2-20036/1374	12/04/76	60	9508	4018N	06752W	21.4	150.1	GGGF	
2682-14214	00000/0000	2-20036/1375	12/04/76	60	9508	3852N	06821W	22.5	149.5	GGGF	
2682-14261	00000/0000	2-20036/1376	12/04/76	30	9508	2305N	07257W	33.9	141.6	GGGF	H
2682-14264	00000/0000	2-20036/1377	12/04/76	30	9508	2140N	07319W	34.8	140.7	GGGF	H
2682-16090	00000/0000	2-20037/0104	12/04/76	80	9509	2432N	09822W	32.9	142.4	GGGF	
2682-17501	00000/0000	2-20037/0105	12/04/76	90	9510	3142N	12212W	27.8	146.1	GGGF	
2682-23191	00000/0000	2-20037/0068	12/04/76	0	9513	3432S	14343E	49.8	84.3	GGGF	
2682-23194	00000/0000	2-20037/0069	12/04/76	50	9513	3557S	14316E	49.3	82.9	GGGF	
2682-23200	00000/0000	2-20037/0070	12/04/76	60	9513	3723S	14249E	48.8	81.5	GGGF	
2683-01011	00000/0000	2-20037/0071	12/05/76	0	9514	3015S	11908E	50.8	88.9	GGGF	
2683-01014	00000/0000	2-20037/0072	12/05/76	10	9514	3141S	11844E	50.5	87.4	FGGF	
2683-01020	00000/0000	2-20037/0073	12/05/76	20	9514	3306S	11818E	50.1	85.8	GGGF	
2683-01023	00000/0000	2-20037/0074	12/05/76	80	9514	3432S	11752E	49.8	84.3	GGGF	
2683-02240	00000/0000	2-20037/0075	12/05/76	80	9515	4017N	11125E	21.3	150.1	FGGF	
2683-02243	00000/0000	2-20037/0076	12/05/76	90	9515	3852N	11056E	22.4	149.5	GGGF	
2683-02245	00000/0000	2-20037/0077	12/05/76	100	9515	3726N	11028E	23.5	148.8	GGGF	
2683-02252	00000/0000	2-20037/0078	12/05/76	100	9515	3601N	11000E	24.6	148.2	GGGF	
2683-02254	00000/0000	2-20037/0079	12/05/76	100	9515	3436N	10933E	25.6	147.5	GGGF	
2683-02261	00000/0000	2-20037/0080	12/05/76	90	9515	3310N	10907E	26.7	146.8	GGGF	
2683-02263	00000/0000	2-20037/0081	12/05/76	100	9515	3143N	10841E	27.7	146.1	GGGF	
2683-02270	00000/0000	2-20037/0082	12/05/76	100	9515	3017N	10817E	28.8	145.4	GGGF	
2683-02272	00000/0000	2-20037/0083	12/05/76	100	9515	2851N	10753E	29.8	144.7	GGGF	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
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20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0079

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2683-02275	00000/0000	2-20037/0084	12/05/76	100	9515	2726N 10729E	30.8	144.0	GGGG		
2683-02281	00000/0000	2-20037/0085	12/05/76	100	9515	2559N 10706E	31.8	143.2	GGGG		
2683-04040	00000/0000	2-20037/0106	12/05/76	10	9516	5135N 09015E	12.5	155.1	GGGG		
2683-04042	00000/0000	2-20037/0107	12/05/76	10	9516	5011N 08934E	13.6	154.5	FGGG		
2683-04045	00000/0000	2-20037/0108	12/05/76	0	9516	4847N 08855E	14.7	153.8	GGGG		
2683-04051	00000/0000	2-20037/0109	12/05/76	10	9516	4722N 08818E	15.8	153.2	GGGG		
2683-04054	00000/0000	2-20037/0110	12/05/76	10	9516	4557N 08742E	16.9	152.6	GGGG		
2683-04060	00000/0000	2-20037/0111	12/05/76	10	9516	4432N 08709E	18.0	152.0	GGGG		
2683-04063	00000/0000	2-20037/0112	12/05/76	10	9516	4306N 08637E	19.1	151.3	GGGG		
2683-04065	00000/0000	2-20037/0113	12/05/76	0	9516	4141N 08606E	20.2	150.7	GGGG		
2683-04072	00000/0000	2-20037/0114	12/05/76	0	9516	4016N 08536E	21.3	150.1	GGGG		
2683-04074	00000/0000	2-20037/0115	12/05/76	20	9516	3851N 08507E	22.4	149.5	FGGG		
2683-04081	00000/0000	2-20037/0116	12/05/76	70	9516	3725N 08438E	23.5	148.8	GGGG		
2683-04083	00000/0000	2-20037/0117	12/05/76	10	9516	3600N 08410E	24.6	148.2	GGGG		
2683-04090	00000/0000	2-20037/0118	12/05/76	20	9516	3434N 08344E	25.6	147.5	GGGG		
2683-04092	00000/0000	2-20037/0119	12/05/76	20	9516	3308N 08318E	26.7	146.8	GGGG		
2683-04095	00000/0000	2-20037/0120	12/05/76	10	9516	3142N 08253E	27.7	146.1	GGGG		
2683-04101	00000/0000	2-20037/0121	12/05/76	0	9516	3017N 08228E	28.8	145.4	GGGG		
2683-04104	00000/0000	2-20037/0122	12/05/76	0	9516	2850N 08204E	29.8	144.7	GGGG		
2683-04110	00000/0000	2-20037/0123	12/05/76	0	9516	2724N 08140E	30.8	143.9	GGGG		
2683-04113	00000/0000	2-20037/0124	12/05/76	0	9516	2558N 08117E	31.8	143.2	GGGG		
2683-04115	00000/0000	2-20037/0125	12/05/76	0	9516	2432N 08054E	32.8	142.4	GGGG		
2683-04122	00000/0000	2-20037/0126	12/05/76	0	9516	2306N 08032E	33.8	141.6	GGGG		
2683-04124	00000/0000	2-20037/0127	12/05/76	10	9516	2140N 08009E	34.7	140.7	FGGG		
2683-04131	00000/0000	2-20037/0128	12/05/76	10	9516	2013N 07947E	35.7	139.8	GGGG		
2683-04133	00000/0000	2-20037/0129	12/05/76	10	9516	1846N 07925E	36.6	138.9	GGGG		
2683-04140	00000/0000	2-20037/0130	12/05/76	10	9516	1719N 07904E	37.6	138.0	GGGG		
2683-04142	00000/0000	2-20037/0131	12/05/76	10	9516	1553N 07843E	38.5	137.0	GGGG		
2683-04145	00000/0000	2-20037/0132	12/05/76	10	9516	1426N 07822E	39.3	136.0	GGGG		
2683-04151	00000/0000	2-20037/0133	12/05/76	10	9516	1300N 07802E	40.2	135.0	GGGG		
2683-04154	00000/0000	2-20037/0134	12/05/76	20	9516	1133N 07741E	41.0	133.9	GGGG		
2683-05462	00000/0000	2-20037/0135	12/05/76	10	9517	5423N 06554E	10.2	156.5	FGGG		
2683-05465	00000/0000	2-20037/0136	12/05/76	10	9517	5259N 06509E	11.3	155.8	GGGG		
2683-05471	00000/0000	2-20037/0137	12/05/76	10	9517	5135N 06426E	12.5	155.1	GGGG		
2683-05474	00000/0000	2-20037/0138	12/05/76	10	9517	5011N 06345E	13.6	154.5	GGGG		
2683-05480	00000/0000	2-20037/0139	12/05/76	10	9517	4846N 06307E	14.7	153.8	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR N8N-US
FROM 12/01/76 TO 12/31/76

PAGE 0080

OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	IMAGE-QUAL		MSS DATA MODE	MSS IMAGE GAIN
						LAT	LONG			RBV	MSS		
2683-05483	00000/0000	2-20037/0140	12/05/76	0	9517	4721N	06230E	15.8	153.2		GGGG		
2683-05485	00000/0000	2-20037/0141	12/05/76	0	9517	4556N	06154E	16.9	152.6		GGGG		
2683-05492	00000/0000	2-20037/0142	12/05/76	10	9517	4431N	06120E	18.0	152.0		FGGG		
2683-05494	00000/0000	2-20037/0143	12/05/76	0	9517	4306N	06048E	19.1	151.3		GGGG		
2683-05501	00000/0000	2-20037/0144	12/05/76	0	9517	4141N	06017E	20.2	150.7		GFFG		
2683-05503	00000/0000	2-20037/0145	12/05/76	20	9517	4017N	05947E	21.3	150.1		GFFG		
2683-05510	00000/0000	2-20037/0146	12/05/76	80	9517	3851N	05918E	22.4	149.5		GGGG		
2683-05512	00000/0000	2-20037/0147	12/05/76	90	9517	3725N	05850E	23.5	148.8		GGGG		
2683-05515	00000/0000	2-20037/0148	12/05/76	80	9517	3600N	05823E	24.5	148.2		GGGG		
2683-05521	00000/0000	2-20037/0149	12/05/76	40	9517	3434N	05756E	25.6	147.5		GGGG		
2683-05524	00000/0000	2-20037/0150	12/05/76	0	9517	3308N	05730E	26.7	146.8		GGGG		
2683-05530	00000/0000	2-20037/0151	12/05/76	0	9517	3142N	05705E	27.7	146.1		GGGG		
2683-05533	00000/0000	2-20037/0152	12/05/76	0	9517	3016N	05640E	28.7	145.4		GGGG		
2683-05535	00000/0000	2-20037/0153	12/05/76	0	9517	2849N	05616E	29.8	144.7		GGGG		
2683-07300	00000/0000	2-20037/0302	12/05/76	90	9518	5302N	03919E	11.3	155.8		GGGF		
2683-07303	00000/0000	2-20037/0303	12/05/76	100	9518	5138N	03837E	12.4	155.2		GGGG		
2683-07305	00000/0000	2-20037/0304	12/05/76	100	9518	5013N	03757E	13.5	154.5		GGGG		
2683-07312	00000/0000	2-20037/0305	12/05/76	100	9518	4849N	03719E	14.7	153.9		FGFG		
2683-07314	00000/0000	2-20037/0306	12/05/76	80	9518	4725N	03642E	15.8	153.2		GGFG		
2683-07321	00000/0000	2-20037/0307	12/05/76	70	9518	4600N	03606E	16.9	152.6		FGFP		
2683-07323	00000/0000	2-20037/0308	12/05/76	60	9518	4435N	03533E	18.0	152.0		FGFG		
2683-13045	00000/0000	2-20037/0283	12/05/76	0	9521	3307S	06222W	50.1	85.9		FFFF		
2683-13052	00000/0000	2-20037/0284	12/05/76	0	9521	3434S	06248W	49.7	84.5		GGGG		
2683-13054	00000/0000	2-20037/0285	12/05/76	0	9521	3600S	06315W	49.3	83.0		GGGG		
2683-13061	00000/0000	2-20037/0286	12/05/76	0	9521	3725S	06343W	48.8	81.6		FFFF		
2683-13063	00000/0000	2-20037/0287	12/05/76	0	9521	3850S	06411W	48.3	80.3		FFFF		
2683-14242	00000/0000	2-20037/0196	12/05/76	10	9522	4847N	06559W	14.6	153.8		GGGG		
2683-14272	00000/0000	2-20037/0197	12/05/76	30	9522	3852N	06948W	22.3	149.4		GGGG		
2683-14274	00000/0000	2-20037/0198	12/05/76	70	9522	3726N	07016W	23.4	148.8		GGGG		
2683-14281	00000/0000	2-20037/0199	12/05/76	40	9522	3600N	07043W	24.5	148.2		GGGG		
2683-14283	00000/0000	2-20037/0200	12/05/76	50	9522	3434N	07109W	25.5	147.5		GGGG		
2683-14290	00000/0000	2-20037/0201	12/05/76	80	9522	3309N	07135W	26.6	146.8		GGGG		
2683-14292	00000/0000	2-20037/0202	12/05/76	90	9522	3143N	07200W	27.6	146.1		GGGG		
2683-14295	00000/0000	2-20037/0203	12/05/76	90	9522	3016N	07225W	28.7	145.4		GGGG		
2683-14301	00000/0000	2-20037/0204	12/05/76	90	9522	2850N	07249W	29.7	144.7		GGGG		
2683-14304	00000/0000	2-20037/0205	12/05/76	90	9522	2724N	07313W	30.7	143.9		GGGG		

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, '77

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 12/01/76 TO 12/31/76

PAGE 0081

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2683-14310	00000/0000	2-20037/0208	12/05/76	80	9522	2558N	07336W	31.7	143.2	GG		H
2683-14313	00000/0000	2-20037/0206	12/05/76	40	9522	2431N	07400W	32.7	142.4	GGGG		H
2683-16071	00000/0000	2-20037/0207	12/05/76	30	9523	5011N	09111W	13.5	154.5	GGGG		
2683-16144	00000/0000	2-20037/0257	12/05/76	70	9523	2432N	09947W	32.7	142.4	GGGG		
2683-17494	00000/0000	2-20037/0258	12/05/76	80	9524	5303N	11535W	11.2	155.8	G		
2683-17500	00000/0000	2-20037/0259	12/05/76	60	9524	5139N	11618W	12.3	155.1	G		
2683-17503	00000/0000	2-20037/0260	12/05/76	70	9524	5015N	11658W	13.5	154.5	GGGG		
2683-23245	00000/0000	2-20037/0288	12/05/76	80	9527	3433S	14218E	49.7	84.6	GGGF		
2683-23252	00000/0000	2-20037/0289	12/05/76	80	9527	3558S	14151E	49.3	83.1	GGGG		
2683-23254	00000/0000	2-20037/0290	12/05/76	80	9527	3724S	14123E	48.8	81.8	GGGG		
2684-01065	00000/0000	2-20037/0291	12/06/76	0	9528	3016S	11742E	50.8	89.2	GGGG		
2684-01072	00000/0000	2-20037/0292	12/06/76	0	9528	3141S	11718E	50.4	87.6	GGGG		
2684-01074	00000/0000	2-20037/0293	12/06/76	10	9528	3307S	11652E	50.1	86.1	GGGG		
2684-02312	00000/0000	2-20037/0294	12/06/76	100	9529	3438N	10808E	25.4	147.5	GGGF		
2684-02315	00000/0000	2-20037/0295	12/06/76	100	9529	3312N	10742E	26.5	146.8	GGGG		
2684-02321	00000/0000	2-20037/0296	12/06/76	100	9529	3146N	10717E	27.5	146.1	GGGG		
2684-02324	00000/0000	2-20037/0297	12/06/76	100	9529	3020N	10652E	28.6	145.4	GGGG		
2684-02330	00000/0000	2-20037/0298	12/06/76	100	9529	2854N	10628E	29.6	144.7	GGGG		
2684-02333	00000/0000	2-20037/0299	12/06/76	100	9529	2728N	10604E	30.6	144.0	GGGG		
2684-02335	00000/0000	2-20037/0300	12/06/76	90	9529	2601N	10541E	31.6	143.2	GGGG		
2684-04094	00000/0000	2-20037/0309	12/06/76	0	9530	5139N	08847E	12.3	155.1	FFFG		
2684-04100	00000/0000	2-20037/0310	12/06/76	10	9530	5014N	08807E	13.4	154.4	FGPF		
2684-04103	00000/0000	2-20037/0311	12/06/76	10	9530	4849N	08729E	14.5	153.8	FGFG		
2684-04105	00000/0000	2-20037/0312	12/06/76	20	9530	4724N	08652E	15.6	153.2	PFPP		
2684-04112	00000/0000	2-20037/0313	12/06/76	30	9530	4559N	08617E	16.7	152.5	PFPP		
2684-04114	00000/0000	2-20037/0314	12/06/76	20	9530	4434N	08543E	17.8	151.9	PFPP		
2684-04121	00000/0000	2-20037/0315	12/06/76	0	9530	4308N	08511E	18.9	151.3	FGPG		
2684-04123	00000/0000	2-20037/0316	12/06/76	0	9530	4143N	08440E	20.0	150.7	PPPF		
2684-04130	00000/0000	2-20037/0317	12/06/76	0	9530	4020N	08409E	21.1	150.1	PPPG		
2684-04132	00000/0000	2-20037/0318	12/06/76	0	9530	3854N	08340E	22.2	149.4	PPPP		
2684-04135	00000/0000	2-20037/0319	12/06/76	0	9530	3727N	08312E	23.3	148.8	PPPF		
2684-04141	00000/0000	2-20037/0320	12/06/76	0	9530	3601N	08245E	24.4	148.1	PFPP		
2684-04144	00000/0000	2-20037/0321	12/06/76	10	9530	3437N	08218E	25.4	147.5	PPPP		
2684-04150	00000/0000	2-20037/0322	12/06/76	10	9530	3311N	08152E	26.5	146.8	PPPP		
2684-04153	00000/0000	2-20037/0323	12/06/76	10	9530	3145N	08127E	27.5	146.1	PPPP		
2684-04155	00000/0000	2-20037/0324	12/06/76	0	9530	3019N	08102E	28.6	145.4	PGPP		

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20:58 JAN 13, '77

LANDSAT-2
OBSERVATION ID LISTING
FOR NAN-US
FROM 12/01/76 TO 12/31/76

PAGE 0082

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN RSL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2684-04162	00000/0000	2-20037/0325	12/06/76	0	9530	2853N 08038E	29.6	144.7	GGPF		
2684-04164	00000/0000	2-20037/0326	12/06/76	10	9530	2727N 08015E	30.6	144.0	PPPP		
2684-04171	00000/0000	2-20037/0327	12/06/76	10	9530	2601N 07951E	31.6	143.2	PPPP		
2684-04173	00000/0000	2-20037/0328	12/06/76	20	9530	2434N 07928E	32.6	142.4	PPPP		
2684-04180	00000/0000	2-20037/0329	12/06/76	40	9530	2308N 07905E	33.6	141.6	PPPP		
2684-04182	00000/0000	2-20037/0330	12/06/76	50	9530	2142N 07843E	34.5	140.7	PPPP		
2684-04185	00000/0000	2-20037/0331	12/06/76	30	9530	2015N 07821E	35.5	139.9	PPPP		
2684-04191	00000/0000	2-20037/0332	12/06/76	30	9530	1848N 07759E	36.4	139.0	PPPP		
2684-04194	00000/0000	2-20037/0333	12/06/76	30	9530	1722N 07738E	37.4	138.0	PPPP		
2684-04200	00000/0000	2-20037/0334	12/06/76	20	9530	1555N 07717E	38.3	137.1	PPPP		
2684-04203	00000/0000	2-20037/0335	12/06/76	10	9530	1429N 07656E	39.2	136.1	PPPP		
2684-04205	00000/0000	2-20037/0336	12/06/76	10	9530	1302N 07635E	40.0	135.0	PPPP		
2684-04212	00000/0000	2-20037/0337	12/06/76	30	9530	1136N 07615E	40.9	134.0	PPPP		
2684-04255	00000/0000	2-20037/0301	12/06/76	40	9530	0417S 07233E	48.4	119.6	GGGG		
2684-05521	00000/0000	2-20037/0338	12/06/76	20	9531	5427N 06428E	10.0	156.4	PPPP		
2684-05523	00000/0000	2-20037/0339	12/06/76	20	9531	5302N 06343E	11.2	155.8	PPPP		
2684-05530	00000/0000	2-20037/0340	12/06/76	10	9531	5138N 06300E	12.3	155.1	PPPP		
2684-05532	00000/0000	2-20037/0341	12/06/76	10	9531	5013N 06219E	13.4	154.4	PPPP		
2684-05535	00000/0000	2-20037/0342	12/06/76	0	9531	4848N 06141E	14.5	153.8	PPPP		
2684-05541	00000/0000	2-20037/0343	12/06/76	10	9531	4724N 06104E	15.6	153.2	PPPP		
2684-05544	00000/0000	2-20037/0344	12/06/76	0	9531	4600N 06028E	16.7	152.5	FPPP		
2684-05550	00000/0000	2-20037/0345	12/06/76	0	9531	4495N 05954E	17.8	151.9	FPPP		
2684-05553	00000/0000	2-20037/0346	12/06/76	0	9531	4309N 05922E	18.9	151.3	PPPP		
2684-05555	00000/0000	2-20037/0347	12/06/76	10	9531	4144N 05851E	20.0	150.7	PPPP		
2684-05562	00000/0000	2-20037/0348	12/06/76	10	9531	4020N 05821E	21.1	150.1	PPPP		
2684-05564	00000/0000	2-20037/0349	12/06/76	30	9531	3855N 05751E	22.2	149.4	PPPP		
2684-05571	00000/0000	2-20037/0350	12/06/76	10	9531	3727N 05724E	23.3	148.8	FPPG		
2684-05573	00000/0000	2-20037/0351	12/06/76	10	9531	3602N 05657E	24.4	148.1	PPPG		
2684-05580	00000/0000	2-20037/0352	12/06/76	0	9531	3437N 05630E	25.4	147.5	PPPP		
2684-05582	00000/0000	2-20037/0353	12/06/76	0	9531	3311N 05604E	26.5	146.8	PPPP		
2684-05585	00000/0000	2-20037/0354	12/06/76	0	9531	3145N 05539E	27.5	146.1	PPPP		
2684-05591	00000/0000	2-20037/0355	12/06/76	0	9531	3018N 05514E	28.6	145.4	PPPP		
2684-07352	00000/0000	2-20037/0398	12/06/76	90	9532	5425N 03837E	10.0	156.4	FGGG		
2684-07355	00000/0000	2-20037/0399	12/06/76	90	9532	5301N 03752E	11.2	155.7	GGGG		
2684-07361	00000/0000	2-20037/0400	12/06/76	100	9532	5137N 03710E	12.3	155.1	GGGG		
2684-07364	00000/0000	2-20037/0401	12/06/76	100	9532	5013N 03629E	13.4	154.4	FGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0083

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA	MSS MODE	MSS IMAGE GAIN
2684-07370	00000/0000	2-20037/0402	12/06/76	100	9532	4849N	03551E	14.5	153.8	GGGG		
2684-07373	00000/0000	2-20037/0403	12/06/76	100	9532	4724N	03514E	15.6	153.2	GGGF		
2684-07375	00000/0000	2-20037/0404	12/06/76	100	9532	4558N	03438E	16.7	152.5	GGGG		
2684-07382	00000/0000	2-20037/0405	12/06/76	100	9532	4433N	03405E	17.8	151.9	GGGG		
2684-13103	00000/0000	2-20037/0356	12/06/76	10	9535	3307S	06349W	50.1	86.2	GGGG		
2684-13110	00000/0000	2-20037/0357	12/06/76	60	9535	3432S	06415W	49.7	84.7	GGGG		
2684-13112	00000/0000	2-20037/0358	12/06/76	50	9535	3557S	06443W	49.3	83.3	GGGG		
2684-13115	00000/0000	2-20037/0359	12/06/76	10	9535	3722S	06510W	48.8	81.9	GGGG		
2684-14341	00000/0000	2-20037/0273	12/06/76	70	9536	3437N	07234W	25.4	147.5	GGFG		
2684-14344	00000/0000	2-20037/0274	12/06/76	70	9536	3311N	07300W	26.4	146.8	GGGG		
2684-14350	00000/0000	2-20037/0275	12/06/76	70	9536	3145N	07325W	27.5	146.1	GGGG		
2684-14355	00000/0000	2-20037/0282	12/06/76	80	9536	2853N	07414W	29.5	144.7	GF		
2684-14362	00000/0000	2-20037/0276	12/06/76	80	9536	2727N	07439W	30.5	143.9	GGGG		
2684-14364	00000/0000	2-20037/0277	12/06/76	60	9536	2600N	07502W	31.5	143.2	GGGG		
2684-14371	00000/0000	2-20037/0278	12/06/76	70	9536	2434N	07526W	32.5	142.4	GGGG		
2684-14373	00000/0000	2-20037/0279	12/06/76	50	9536	2307N	07548W	33.5	141.6	GGGG		
2684-16123	00000/0000	2-20037/0280	12/06/76	0	9537	5139N	09154W	12.2	155.1	GGGG		
2684-16130	00000/0000	2-20037/0281	12/06/76	0	9537	5014N	09235W	13.3	154.4	GGGG		
2684-23303	00000/0000	2-20037/0360	12/06/76	10	9541	3432S	14051E	49.7	84.8	GGGG		
2684-23310	00000/0000	2-20037/0361	12/06/76	30	9541	3557S	14024E	49.3	83.4	GGGG		
2685-01121	00000/0000	2-20037/0362	12/07/76	0	9542	2848S	11642E	51.0	91.1	GGGG		
2685-01123	00000/0000	2-20037/0363	12/07/76	10	9542	3014S	11618E	50.7	89.4	GGGG		
2685-01130	00000/0000	2-20037/0364	12/07/76	30	9542	3140S	11553E	50.4	87.9	GGGG		
2685-02371	00000/0000	2-20037/0365	12/07/76	40	9543	3436N	10642E	25.3	147.4	GGGG		
2685-02373	00000/0000	2-20037/0366	12/07/76	60	9543	3311N	10616E	26.3	146.8	GGGG		
2685-02380	00000/0000	2-20037/0367	12/07/76	90	9543	3145N	10550E	27.4	146.1	GGGG		
2685-02382	00000/0000	2-20037/0368	12/07/76	100	9543	3019N	10525E	28.4	145.4	GGGG		
2685-02385	00000/0000	2-20037/0369	12/07/76	100	9543	2853N	10501E	29.4	144.7	GGGG		
2685-02391	00000/0000	2-20037/0370	12/07/76	90	9543	2726N	10437E	30.5	143.9	GGGG		
2685-02394	00000/0000	2-20037/0371	12/07/76	90	9543	2600N	10414E	31.5	143.2	GGGG		
2685-02400	00000/0000	2-20037/0372	12/07/76	90	9543	2433N	10351E	32.5	142.4	GGGG		
2685-02403	00000/0000	2-20037/0373	12/07/76	80	9543	2307N	10329E	33.4	141.6	GGFG		
2685-04150	00000/0000	2-20036/1804	12/07/76	10	9544	5302N	08806E	11.0	155.7	PFPF		
2685-04152	00000/0000	2-20036/1805	12/07/76	10	9544	5138N	08723E	12.2	155.0	GGPG		
2685-04161	00000/0000	2-20036/1806	12/07/76	0	9544	4849N	08604E	14.4	153.7	GGFG		
2685-04164	00000/0000	2-20036/1807	12/07/76	10	9544	4724N	08527E	15.5	153.1	GFPP		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0084

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2685-04170	00000/0000 2-20036/1808	12/07/76	10	9544	4559N	08452E	16.6	152.5	GGGF		
2685-04175	00000/0000 2-20036/1809	12/07/76	0	9544	4309N	08346E	18.8	151.2	GGGG		
2685-04182	00000/0000 2-20036/1810	12/07/76	0	9544	4143N	08315E	19.9	150.6	FGGG		
2685-04184	00000/0000 2-20036/1811	12/07/76	10	9544	4018N	08245E	21.0	150.0	PFGG		
2685-04191	00000/0000 2-20036/1812	12/07/76	10	9544	3852N	08216E	22.1	149.4	PGGG		
2685-04193	00000/0000 2-20036/1813	12/07/76	30	9544	3727N	08148E	23.1	148.7	PGGF		
2685-04200	00000/0000 2-20036/1814	12/07/76	10	9544	3601N	08121E	24.2	148.1	FGGF		
2685-04202	00000/0000 2-20036/1815	12/07/76	10	9544	3435N	08054E	25.3	147.4	GGGG		
2685-04205	00000/0000 2-20036/1816	12/07/76	0	9544	3310N	08028E	26.3	146.8	GGGG		
2685-04211	00000/0000 2-20036/1817	12/07/76	0	9544	3144N	08002E	27.4	146.1	GGGG		
2685-04214	00000/0000 2-20036/1818	12/07/76	0	9544	3019N	07938E	28.4	145.4	FGGG		
2685-04220	00000/0000 2-20036/1819	12/07/76	0	9544	2853N	07914E	29.4	144.7	GGGG		
2685-04223	00000/0000 2-20036/1820	12/07/76	0	9544	2727N	07850E	30.5	143.9	GGGG		
2685-04225	00000/0000 2-20036/1821	12/07/76	10	9544	2600N	07826E	31.5	143.2	GGGG		
2685-04232	00000/0000 2-20036/1822	12/07/76	40	9544	2434N	07803E	32.5	142.4	GGGF		
2685-04234	00000/0000 2-20036/1823	12/07/76	50	9544	2308N	07740E	33.4	141.6	FGGG		
2685-04241	00000/0000 2-20036/1824	12/07/76	50	9544	2141N	07718E	34.4	140.7	FGFG		
2685-04243	00000/0000 2-20036/1825	12/07/76	60	9544	2015N	07656E	35.4	139.9	GGGG		
2685-04250	00000/0000 2-20036/1826	12/07/76	30	9544	1848N	07635E	36.3	139.0	GGGG		
2685-04252	00000/0000 2-20036/1827	12/07/76	10	9544	1722N	07614E	37.2	138.0	GGGF		
2685-04255	00000/0000 2-20036/1828	12/07/76	0	9544	1556N	07553E	38.1	137.1	GGGG		
2685-04261	00000/0000 2-20036/1829	12/07/76	10	9544	1429N	07532E	39.0	136.1	FGGG		
2685-04264	00000/0000 2-20036/1830	12/07/76	10	9544	1302N	07511E	39.9	135.1	GGGG		
2685-04270	00000/0000 2-20036/1831	12/07/76	40	9544	1136N	07450E	40.7	134.0	GGGG		
2685-04314	00000/0000 2-20037/0374	12/07/76	40	9544	0417S	07109E	48.3	119.7	GGGG		
2685-05575	00000/0000 2-20036/1832	12/07/76	50	9545	5426N	06302E	9.9	156.4	GGGG		
2685-05581	00000/0000 2-20036/1833	12/07/76	40	9545	5302N	06218E	11.0	155.7	GGGG		
2685-05584	00000/0000 2-20036/1834	12/07/76	10	9545	5138N	06134E	12.1	155.0	GGGG		
2685-05590	00000/0000 2-20036/1835	12/07/76	0	9545	5013N	06053E	13.3	154.4	FGGG		
2685-05593	00000/0000 2-20036/1836	12/07/76	0	9545	4849N	06014E	14.4	153.7	GGGF		
2685-05595	00000/0000 2-20036/1837	12/07/76	0	9545	4724N	05937E	15.5	153.1	GGGG		
2685-06002	00000/0000 2-20036/1838	12/07/76	10	9545	4559N	05902E	16.6	152.5	GGGG		
2685-06004	00000/0000 2-20036/1839	12/07/76	50	9545	4434N	05827E	17.7	151.9	FGGG		
2685-06011	00000/0000 2-20036/1840	12/07/76	40	9545	4309N	05754E	18.8	151.2	GGGG		
2685-06013	00000/0000 2-20036/1841	12/07/76	10	9545	4143N	05723E	19.9	150.6	GGGG		
2685-06020	00000/0000 2-20036/1842	12/07/76	10	9545	4019N	05653E	21.0	150.0	FGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2685-06022	00000/0000	2-20036/1843	12/07/76	0	9545	3853N 05624E	22.1	149.4	GGGG		
2685-06025	00000/0000	2-20036/1844	12/07/76	10	9545	3728N 05556E	23.1	148.7	GGFG		
2685-06031	00000/0000	2-20036/1845	12/07/76	0	9545	3602N 05529E	24.2	148.1	GGGG		
2685-06034	00000/0000	2-20036/1846	12/07/76	0	9545	3437N 05502E	25.3	147.4	GGGG		
2685-06040	00000/0000	2-20036/1847	12/07/76	0	9545	3311N 05436E	26.3	146.8	GGGG		
2685-06043	00000/0000	2-20037/0406	12/07/76	0	9545	3145N 05411E	27.4	146.1	GGGG		
2685-07410	00000/0000	2-20037/0407	12/07/76	90	9546	5424N 03710E	9.9	156.4	GGGG		
2685-07413	00000/0000	2-20037/0408	12/07/76	70	9546	5301N 03625E	11.0	155.7	GGGG		
2685-07415	00000/0000	2-20037/0409	12/07/76	30	9546	5136N 03542E	12.1	155.0	FGFG		
2685-07422	00000/0000	2-20037/0378	12/07/76	30	9546	5012N 03501E	13.3	154.4	FFGG		
2685-07424	00000/0000	2-20037/0379	12/07/76	90	9546	4847N 03423E	14.4	153.7	GFGG		
2685-07431	00000/0000	2-20037/0380	12/07/76	90	9546	4722N 03347E	15.5	153.1	GGGG		
2685-07433	00000/0000	2-20037/0381	12/07/76	90	9546	4557N 03312E	16.6	152.5	FGGG		
2685-13155	00000/0000	2-20037/0382	12/07/76	10	9549	3140S 06450W	50.4	88.0	GGGG		
2685-13162	00000/0000	2-20037/0383	12/07/76	20	9549	3306S 06516W	50.0	86.4	FFFF		
2685-14355	00000/0000	2-20037/0423	12/07/76	100	9550	4850N 06850W	14.3	153.7	GGGF		
2685-16184	00000/0000	2-20037/0375	12/07/76	0	9551	5014N 09402W	13.2	154.3	GGGG		
2685-18013	00000/0000	2-20037/0376	12/07/76	70	9552	5138N 11911W	12.1	155.0	FGFG		
2685-18015	00000/0000	2-20037/0377	12/07/76	70	9552	5013N 11951W	13.2	154.3	GGGF		
2685-23362	00000/0000	2-20037/0384	12/07/76	10	9555	3432S 13925E	49.6	85.1	FGGF		
2686-01175	00000/0000	2-20037/0385	12/08/76	30	9556	2849S 11515E	50.9	91.3	GGGG		
2686-01182	00000/0000	2-20037/0386	12/08/76	30	9556	3015S 11450E	50.6	89.6	GGGG		
2686-02413	00000/0000	2-20037/0387	12/08/76	10	9557	3851N 10638E	21.9	149.3	GGGG		
2686-02420	00000/0000	2-20037/0388	12/08/76	0	9557	3725N 10610E	23.0	148.7	GGGG		
2686-02422	00000/0000	2-20037/0389	12/08/76	0	9557	3600N 10543E	24.1	148.0	GGGG		
2686-02425	00000/0000	2-20037/0390	12/08/76	0	9557	3434N 10516E	25.1	147.4	GGGG		
2686-02431	00000/0000	2-20037/0391	12/08/76	20	9557	3308N 10450E	26.2	146.7	GGGG		
2686-02434	00000/0000	2-20037/0392	12/08/76	40	9557	3143N 10424E	27.2	146.0	GGGG		
2686-02440	00000/0000	2-20037/0393	12/08/76	70	9557	3017N 10359E	28.3	145.3	GGGG		
2686-02443	00000/0000	2-20037/0394	12/08/76	90	9557	2851N 10335E	29.3	144.6	GGGG		
2686-02445	00000/0000	2-20037/0395	12/08/76	100	9557	2725N 10311E	30.3	143.9	GGGG		
2686-02452	00000/0000	2-20037/0396	12/08/76	100	9557	2559N 10247E	31.3	143.1	GGGG		
2686-02454	00000/0000	2-20037/0397	12/08/76	90	9557	2434N 10224E	32.3	142.3	GGGG		
2686-04204	00000/0000	2-20037/0424	12/08/76	50	9558	5302N 08638E	10.9	155.6	PPFP		
2686-04210	00000/0000	2-20037/0425	12/08/76	30	9558	5137N 08555E	12.0	154.9	GGGG		
2686-04213	00000/0000	2-20037/0426	12/08/76	10	9558	5013N 08516E	13.1	154.3	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0086

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2686-04215	00000/0000	2-20037/0427	12/08/76	0	9558	4848N	08437E	14.3	153.7	GGGG		
2686-04222	00000/0000	2-20037/0428	12/08/76	0	9558	4723N	08401E	15.4	153.0	FFFF		
2686-04224	00000/0000	2-20037/0429	12/08/76	10	9558	4558N	08325E	16.5	152.4	FGGG		
2686-04231	00000/0000	2-20037/0430	12/08/76	10	9558	4434N	08251E	17.6	151.8	GGGG		
2686-04233	00000/0000	2-20037/0431	12/08/76	0	9558	4308N	08218E	18.7	151.2	GGGG		
2686-04240	00000/0000	2-20037/0432	12/08/76	0	9558	4143N	08147E	19.8	150.6	GGGG		
2686-04242	00000/0000	2-20037/0433	12/08/76	20	9558	4017N	08117E	20.9	149.9	PGFG		
2686-04245	00000/0000	2-20037/0434	12/08/76	50	9558	3852N	08048E	21.9	149.3	FGGG		
2686-04251	00000/0000	2-20037/0435	12/08/76	60	9558	3726N	08020E	23.0	148.7	GGGG		
2686-04254	00000/0000	2-20037/0436	12/08/76	70	9558	3600N	07953E	24.1	148.0	GGGG		
2686-04260	00000/0000	2-20037/0437	12/08/76	80	9558	3435N	07926E	25.1	147.4	GGGG		
2686-04263	00000/0000	2-20037/0438	12/08/76	80	9558	3309N	07900E	26.2	146.7	GGGG		
2686-04265	00000/0000	2-20037/0439	12/08/76	60	9558	3143N	07835E	27.2	146.0	GGGG		
2686-04272	00000/0000	2-20037/0440	12/08/76	10	9558	3017N	07810E	28.3	145.3	GGGG		
2686-04274	00000/0000	2-20037/0441	12/08/76	10	9558	2852N	07746E	29.3	144.6	GGGG		
2686-04281	00000/0000	2-20037/0442	12/08/76	50	9558	2726N	07723E	30.3	143.9	GGGG		
2686-04283	00000/0000	2-20037/0443	12/08/76	80	9558	2600N	07700E	31.3	143.1	GGGG		
2686-04290	00000/0000	2-20037/0444	12/08/76	70	9558	2434N	07637E	32.3	142.3	GGGG		
2686-04292	00000/0000	2-20037/0445	12/08/76	50	9558	2307N	07614E	33.3	141.5	GGGG		
2686-04295	00000/0000	2-20037/0446	12/08/76	50	9558	2140N	07551E	34.3	140.7	GGGG		
2686-04301	00000/0000	2-20037/0447	12/08/76	60	9558	2014N	07529E	35.2	139.8	GGGG		
2686-04304	00000/0000	2-20037/0448	12/08/76	40	9558	1847N	07508E	36.1	138.9	GGGG		
2686-04310	00000/0000	2-20037/0449	12/08/76	40	9558	1721N	07446E	37.1	138.0	GGGG		
2686-04313	00000/0000	2-20037/0450	12/08/76	20	9558	1554N	07424E	38.0	137.1	GGGG		
2686-04315	00000/0000	2-20037/0451	12/08/76	10	9558	1428N	07404E	38.9	136.1	GGGG		
2686-04322	00000/0000	2-20037/0452	12/08/76	10	9558	1302N	07343E	39.7	135.1	GGGG		
2686-06033	00000/0000	2-20037/0453	12/08/76	10	9559	5425N	06135E	9.8	156.3	FGGG		
2686-06035	00000/0000	2-20037/0454	12/08/76	0	9559	5301N	06050E	10.9	155.6	GGFG		
2686-06042	00000/0000	2-20037/0455	12/08/76	0	9559	5136N	06007E	12.0	154.9	GGGF		
2686-06044	00000/0000	2-20037/0456	12/08/76	0	9559	5012N	05927E	13.1	154.3	GGGG		
2686-06051	00000/0000	2-20037/0457	12/08/76	0	9559	4848N	05848E	14.3	153.6	GGGG		
2686-06053	00000/0000	2-20037/0458	12/08/76	0	9559	4724N	05812E	15.4	153.0	FFGG		
2686-06060	00000/0000	2-20037/0459	12/08/76	60	9559	4559N	05737E	16.5	152.4	GGGG		
2686-06062	00000/0000	2-20037/0460	12/08/76	100	9559	4433N	05702E	17.6	151.8	GGGG		
2686-06065	00000/0000	2-20037/0461	12/08/76	20	9559	4308N	05629E	18.7	151.2	GGGG		
2686-06071	00000/0000	2-20037/0462	12/08/76	10	9559	4142N	05558E	19.8	150.6	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0087

OBSERVATION ID	MICROFILM REL. No./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	
2686-06074	00000/0000	2-20037/0463	12/08/76	10	9559	4017N	05528E	20.9	149.9	GGGG		
2686-06080	00000/0000	2-20037/0464	12/08/76	40	9559	3852N	05459E	21.9	149.3	GGGG		
2686-06083	00000/0000	2-20037/0465	12/08/76	40	9559	3727N	05431E	23.0	148.7	GGGG		
2686-06085	00000/0000	2-20037/0466	12/08/76	40	9559	3601N	05404E	24.1	148.0	GGGG		
2686-06092	00000/0000	2-20037/0410	12/08/76	10	9559	3436N	05337E	25.1	147.4	GGGG		
2686-07473	00000/0000	2-20037/0568	12/08/76	100	9560	5140N	03419E	12.0	154.9	FGGG		
2686-07482	00000/0000	2-20037/0569	12/08/76	80	9560	4851N	03300E	14.2	153.7	GGGG		
2686-07485	00000/0000	2-20037/0570	12/08/76	80	9560	4726N	03223E	15.3	153.0	GGGG		
2686-07491	00000/0000	2-20037/0571	12/08/76	80	9560	4601N	03147E	16.4	152.4	GGGG		
2686-14481	00000/0000	2-20037/0467	12/08/76	70	9564	2558N	07756W	31.3	143.1	GGGG		
2686-14483	00000/0000	2-20037/0468	12/08/76	60	9564	2432N	07819W	32.2	142.3	GGGG		
2686-14490	00000/0000	2-20037/0469	12/08/76	30	9564	2306N	07841W	33.2	141.5	GGGG		
2686-16242	00000/0000	2-20037/0484	12/08/76	10	9565	5013N	09529W	13.1	154.2	GGGG		
2686-18074	00000/0000	2-20037/0485	12/08/76	80	9566	5013N	12117W	13.1	154.2	GGGG		
2686-23413	00000/0000	2-20037/0572	12/08/76	30	9569	3308S	13825E	49.9	86.7	GGGG		
2686-23420	00000/0000	2-20037/0573	12/08/76	40	9569	3434S	13759E	49.6	85.2	GGGG		
2687-01231	00000/0000	2-20037/0574	12/09/76	20	9570	2724S	11413E	51.0	93.1	GGGG		
2687-01233	00000/0000	2-20037/0575	12/09/76	30	9570	2850S	11350E	50.8	91.4	GGFG		
2687-02474	00000/0000	2-20037/0576	12/09/76	0	9571	3726N	10443E	22.9	148.6	FFGG		
2687-02492	00000/0000	2-20037/0577	12/09/76	0	9571	3143N	10258E	27.1	146.0	GGGG		
2687-04262	00000/0000	2-20037/0486	12/09/76	80	9572	5304N	08515E	10.7	155.5	GGGG		
2687-04264	00000/0000	2-20037/0487	12/09/76	10	9572	5140N	08433E	11.9	154.9	GGGG		
2687-04271	00000/0000	2-20037/0488	12/09/76	10	9572	5015N	08352E	13.0	154.2	GGGG		
2687-04273	00000/0000	2-20037/0489	12/09/76	0	9572	4851N	08314E	14.1	153.6	GGGG		
2687-04280	00000/0000	2-20037/0490	12/09/76	0	9572	4726N	08236E	15.2	153.0	GGGG		
2687-04282	00000/0000	2-20037/0491	12/09/76	10	9572	4601N	08201E	16.3	152.4	GGGG		
2687-04285	00000/0000	2-20037/0492	12/09/76	10	9572	4436N	08127E	17.4	151.7	GGGG		
2687-04291	00000/0000	2-20037/0493	12/09/76	0	9572	4311N	08054E	18.5	151.1	GGGG		
2687-04294	00000/0000	2-20037/0494	12/09/76	20	9572	4146N	08023E	19.6	150.5	GGGG		
2687-04300	00000/0000	2-20037/0495	12/09/76	50	9572	4020N	07953E	20.7	149.9	GGGG		
2687-04303	00000/0000	2-20037/0496	12/09/76	30	9572	3855N	07924E	21.8	149.3	GGG		
2687-04305	00000/0000	2-20037/0497	12/09/76	10	9572	3729N	07856E	22.8	148.6	GGGG		
2687-04312	00000/0000	2-20037/0498	12/09/76	20	9572	3604N	07828E	23.9	148.0	GGGG		
2687-04314	00000/0000	2-20037/0499	12/09/76	10	9572	3437N	07801E	25.0	147.3	GGGG		
2687-04321	00000/0000	2-20037/0500	12/09/76	10	9572	3312N	07735E	26.0	146.7	GGGG		
2687-04323	00000/0000	2-20037/0501	12/09/76	10	9572	3146N	07710E	27.1	146.0	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0088

OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2687-04330	00000/0000	2-20037/0502	12/09/76	0	9572 3020N 07646E	28.1	145.3	GGGG		
2687-04332	00000/0000	2-20037/0503	12/09/76	0	9572 2854N 07622E	29.1	144.6	FGGG		
2687-04335	00000/0000	2-20037/0504	12/09/76	0	9572 2728N 07559E	30.1	143.9	GGGG		
2687-04341	00000/0000	2-20037/0505	12/09/76	0	9572 2602N 07535E	31.1	143.1	FGGG		
2687-04344	00000/0000	2-20037/0506	12/09/76	10	9572 2435N 07512E	32.1	142.3	GGGG		
2687-04350	00000/0000	2-20037/0507	12/09/76	10	9572 2309N 07449E	33.1	141.5	GGG		
2687-04353	00000/0000	2-20037/0508	12/09/76	30	9572 2143N 07426E	34.1	140.7	GGGG		
2687-04355	00000/0000	2-20037/0509	12/09/76	40	9572 2016N 07404E	35.0	139.8	GGGG		
2687-04362	00000/0000	2-20037/0510	12/09/76	30	9572 1849N 07343E	36.0	138.9	GGGG		
2687-04364	00000/0000	2-20037/0578	12/09/76	50	9572 1723N 07322E	36.9	138.0	GGG		
2687-06091	00000/0000	2-20037/0511	12/09/76	0	9573 5429N 06009E	9.6	156.2	GGGG		
2687-06094	00000/0000	2-20037/0512	12/09/76	0	9573 5304N 05924E	10.7	155.5	GGGG		
2687-06100	00000/0000	2-20037/0513	12/09/76	10	9573 5140N 05842E	11.9	154.9	PGFG		
2687-06103	00000/0000	2-20037/0514	12/09/76	40	9573 5015N 05802E	13.0	154.2	PGGG		
2687-06105	00000/0000	2-20037/0515	12/09/76	10	9573 4851N 05723E	14.1	153.6	PGGG		
2687-06112	00000/0000	2-20037/0516	12/09/76	10	9573 4726N 05646E	15.2	153.0	FGGG		
2687-06114	00000/0000	2-20037/0517	12/09/76	90	9573 4601N 05610E	16.3	152.3	GGGG		
2687-06121	00000/0000	2-20037/0518	12/09/76	80	9573 4436N 05537E	17.4	151.7	GGFG		
2687-06123	00000/0000	2-20037/0519	12/09/76	30	9573 4311N 05504E	18.5	151.1	GGGG		
2687-06130	00000/0000	2-20037/0520	12/09/76	40	9573 4145N 05433E	19.6	150.5	GGGG		
2687-06150	00000/0000	2-20037/0556	12/09/76	10	9573 3438N 05212E	25.0	147.3	GGGG		
2687-06153	00000/0000	2-20037/0555	12/09/76	10	9573 3311N 05146E	26.0	146.7	G GG		
2687-06155	00000/0000	2-20037/0557	12/09/76	50	9573 3145N 05121E	27.1	146.0	GGGG		
2687-06162	00000/0000	2-20037/0558	12/09/76	10	9573 3019N 05056E	28.1	145.3	GGGG		
2687-06164	00000/0000	2-20037/0559	12/09/76	50	9573 2853N 05032E	29.1	144.6	GGGG		
2687-07525	00000/0000	2-20037/0560	12/09/76	100	9574 5303N 03334E	10.7	155.5	GGGG		
2687-07532	00000/0000	2-20037/0561	12/09/76	100	9574 5139N 03252E	11.9	154.9	GGGG		
2687-07534	00000/0000	2-20037/0562	12/09/76	90	9574 5015N 03211E	13.0	154.2	FGGG		
2687-07541	00000/0000	2-20037/0563	12/09/76	60	9574 4851N 03133E	14.1	153.6	GGGG		
2687-07543	00000/0000	2-20037/0564	12/09/76	60	9574 4726N 03056E	15.2	153.0	GGGG		
2687-07550	00000/0000	2-20037/0565	12/09/76	60	9574 4601N 03021E	16.3	152.3	FGGG		
2687-16300	00000/0000	2-20037/0623	12/09/76	90	9579 5015N 09655W	12.9	154.2	FGGG		
2687-18132	00000/0000	2-20037/0624	12/09/76	50	9580 5015N 12243W	12.9	154.2	GGGG		
2687-23471	00000/0000	2-20037/0566	12/09/76	40	9583 3308S 13700E	49.9	86.9	GGGG		
2687-23474	00000/0000	2-20037/0567	12/09/76	10	9583 3434S 13633E	49.5	85.4	GGGG		
2688-02532	00000/0000	2-20037/0579	12/10/76	20	9585 3728N 10317E	22.7	148.6	GGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

PAGE 0089

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2688-02535	00000/0000	2-20037/0580	12/10/76	40	9585	3603N 10250E	23.8	147.9			GGG
2688-02564	00000/0000	2-20037/0581	12/10/76	20	9585	2601N 09956E	31.0	143.1			GGGG
2688-04320	00000/0000	2-20037/0521	12/10/76	60	9586	5304N 08348E	10.6	155.4			F GG
2688-04323	00000/0000	2-20037/0522	12/10/76	30	9586	5139N 08305E	11.8	154.8			FFGF
2688-04325	00000/0000	2-20037/0523	12/10/76	10	9586	5014N 08224E	12.9	154.1			FFFF
2688-04332	00000/0000	2-20037/0524	12/10/76	20	9586	4850N 08145E	14.0	153.5			FGGG
2688-04334	00000/0000	2-20037/0525	12/10/76	10	9586	4725N 08109E	15.1	152.9			GGGG
2688-04341	00000/0000	2-20037/0526	12/10/76	10	9586	4600N 08033E	16.2	152.3			GGGG
2688-04343	00000/0000	2-20037/0527	12/10/76	10	9586	4435N 08000E	17.3	151.7			GGGG
2688-04350	00000/0000	2-20037/0528	12/10/76	10	9586	4310N 07927E	18.4	151.0			FGGG
2688-04352	00000/0000	2-20037/0529	12/10/76	10	9586	4144N 07856E	19.5	150.4			FGGG
2688-04355	00000/0000	2-20037/0530	12/10/76	10	9586	4019N 07826E	20.6	149.8			FFGG
2688-04361	00000/0000	2-20037/0531	12/10/76	0	9586	3853N 07757E	21.6	149.2			PGGG
2688-04364	00000/0000	2-20037/0532	12/10/76	0	9586	3728N 07729E	22.7	148.6			FGGG
2688-04370	00000/0000	2-20037/0533	12/10/76	10	9586	3602N 07702E	23.8	147.9			GGGG
2688-04373	00000/0000	2-20037/0534	12/10/76	10	9586	3436N 07635E	24.8	147.3			GGGG
2688-04375	00000/0000	2-20037/0535	12/10/76	20	9586	3310N 07610E	25.9	146.6			GGGG
2688-04382	00000/0000	2-20037/0536	12/10/76	10	9586	3145N 07544E	26.9	145.9			GGGG
2688-04384	00000/0000	2-20037/0537	12/10/76	10	9586	3019N 07520E	28.0	145.2			PGGG
2688-04391	00000/0000	2-20037/0538	12/10/76	10	9586	2853N 07455E	29.0	144.5			PGGG
2688-04393	00000/0000	2-20037/0539	12/10/76	10	9586	2727N 07432E	30.0	143.8			FGGG
2688-04400	00000/0000	2-20037/0540	12/10/76	0	9586	2600N 07408E	31.0	143.0			FGGG
2688-04402	00000/0000	2-20037/0541	12/10/76	10	9586	2434N 07345E	32.0	142.3			FGGG
2688-04405	00000/0000	2-20037/0542	12/10/76	10	9586	2307N 07323E	33.0	141.5			FGGF
2688-04411	00000/0000	2-20037/0543	12/10/76	10	9586	2141N 07300E	34.0	140.6			PGGG
2688-04414	00000/0000	2-20037/0544	12/10/76	10	9586	2014N 07238E	34.9	139.8			FGGG
2688-04420	00000/0000	2-20037/0545	12/10/76	0	9586	1848N 07217E	35.8	138.9			FGGF
2688-06152	00000/0000	2-20037/0546	12/10/76	30	9587	5303N 05757E	10.6	155.4			FGFG
2688-06154	00000/0000	2-20037/0547	12/10/76	50	9587	5139N 05715E	11.8	154.8			FGGG
2688-06161	00000/0000	2-20037/0548	12/10/76	20	9587	5014N 05634E	12.9	154.1			FFGG
2688-06163	00000/0000	2-20037/0549	12/10/76	50	9587	4849N 05556E	14.0	153.5			FGGF
2688-06170	00000/0000	2-20037/0550	12/10/76	40	9587	4725N 05519E	15.1	152.9			GGFG
2688-06172	00000/0000	2-20037/0551	12/10/76	90	9587	4600N 05444E	16.2	152.3			GGGG
2688-06175	00000/0000	2-20037/0552	12/10/76	90	9587	4435N 05410E	17.3	151.6			GGGG
2688-06181	00000/0000	2-20037/0553	12/10/76	90	9587	4309N 05338E	18.4	151.0			GGGG
2688-06184	00000/0000	2-20037/0554	12/10/76	70	9587	4144N 05307E	19.5	150.4			FGGG

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20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0090

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2688-07581	00000/0000	2-20037/0471	12/10/76	90	9588	5426N 03251E	9.5	156.1	G GG		
2688-07583	00000/0000	2-20037/0472	12/10/76	80	9588	5302N 03206E	10.6	155.4	GGGG		
2688-07590	00000/0000	2-20037/0473	12/10/76	60	9588	5138N 03123E	11.8	154.8	GFGG		
2688-07592	00000/0000	2-20037/0474	12/10/76	70	9588	5013N 03043E	12.9	154.1	GGGG		
2688-07595	00000/0000	2-20037/0261	12/10/76	90	9588	4849N 03005E	14.0	153.5	GGGG		
2688-08001	00000/0000	2-20037/0262	12/10/76	40	9588	4724N 02929E	15.1	152.9	GGG		
2688-08004	00000/0000	2-20037/0263	12/10/76	40	9588	4600N 02855E	16.2	152.3	GFFF		
2688-13100	00000/0000	2-20037/0617	12/10/76	70	9591	4726N 04755W	15.0	152.9	GGGG		
2688-13103	00000/0000	2-20037/0618	12/10/76	70	9591	4601N 04830W	16.1	152.2	GGFG		
2688-13105	00000/0000	2-20037/0619	12/10/76	80	9591	4435N 04904W	17.2	151.6	GGGG		
2688-13112	00000/0000	2-20037/0620	12/10/76	60	9591	4310N 04937W	18.3	151.0	GGGG		
2688-13114	00000/0000	2-20037/0621	12/10/76	50	9591	4145N 05008W	19.4	150.4	GGGG		
2688-14525	00000/0000	2-20037/0622	12/10/76	90	9592	4850N 07309W	13.9	153.5	PGFG		
2688-16352	00000/0000	2-20037/0633	12/10/76	0	9593	5139N 09740W	11.7	154.7	FGGG		
2688-16354	00000/0000	2-20037/0634	12/10/76	0	9593	5014N 09820W	12.8	154.1	GGGF		
2688-23530	00000/0000	2-20037/0264	12/10/76	10	9597	3306S 13533E	49.8	87.1	GGGG		
2688-23532	00000/0000	2-20037/0265	12/10/76	40	9597	3432S 13507E	49.5	85.7	FGGG		
2689-02584	00000/0000	2-20037/0266	12/11/76	10	9599	3852N 10221E	21.5	149.1	FGFG		
2689-02590	00000/0000	2-20037/0267	12/11/76	10	9599	3727N 10153E	22.6	148.5	GGGG		
2689-04374	00000/0000	2-20037/0646	12/11/76	20	9600	5303N 08223E	10.5	155.3	FGFF		
2689-04390	00000/0000	2-20037/0647	12/11/76	0	9600	4849N 08022E	13.9	153.4	GGGG		
2689-04392	00000/0000	2-20037/0648	12/11/76	10	9600	4724N 07945E	15.0	152.8	PPPP		
2689-04401	00000/0000	2-20037/0649	12/11/76	10	9600	4434N 07834E	17.2	151.6	PPP		
2689-04404	00000/0000	2-20037/0671	12/11/76	10	9600	4309N 07802E	18.3	151.0	P		
2689-04413	00000/0000	2-20037/0650	12/11/76	10	9600	4018N 07701E	20.5	149.7	PPPP		
2689-04415	00000/0000	2-20037/0651	12/11/76	10	9600	3852N 07632E	21.5	149.1	FGGG		
2689-04422	00000/0000	2-20037/0652	12/11/76	20	9600	3727N 07604E	22.6	148.5	FGGG		
2689-04424	00000/0000	2-20037/0653	12/11/76	30	9600	3601N 07536E	23.7	147.9	GGGG		
2689-04431	00000/0000	2-20037/0654	12/11/76	0	9600	3435N 07510E	24.7	147.2	GGGG		
2689-04433	00000/0000	2-20037/0655	12/11/76	0	9600	3310N 07443E	25.8	146.5	GGGG		
2689-04440	00000/0000	2-20037/0645	12/11/76	0	9600	3144N 07418E	26.8	145.9	F GG		
2689-04442	00000/0000	2-20037/0656	12/11/76	0	9600	3017N 07353E	27.9	145.2	GGGG		
2689-04445	00000/0000	2-20037/0657	12/11/76	0	9600	2851N 07329E	28.9	144.5	GGGG		
2689-04451	00000/0000	2-20037/0658	12/11/76	0	9600	2725N 07305E	29.9	143.7	GGGG		
2689-04454	00000/0000	2-20037/0659	12/11/76	0	9600	2558N 07242E	30.9	143.0	GGGG		
2689-04460	00000/0000	2-20037/0660	12/11/76	0	9600	2431N 07219E	31.9	142.2	GGGG		

KEYS: CLOUD COVER X 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 12/01/76 TO 12/31/76

PAGE 0091

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2689-04463	00000/0000	2-20037/0661	12/11/76	0	9600	2305N 07157E	32.9	141.4	GGGG		
2689-04465	00000/0000	2-20037/0662	12/11/76	10	9600	2139N 07135E	33.8	140.6	GGGG		
2689-04472	00000/0000	2-20037/0663	12/11/76	20	9600	2012N 07113E	34.8	139.7	GGGG		
2689-04474	00000/0000	2-20037/0664	12/11/76	10	9600	1845N 07051E	35.7	138.9	GGGG		
2689-06215	00000/0000	2-20037/0665	12/11/76	10	9601	5012N 05507E	12.8	154.0	GGGG		
2689-06221	00000/0000	2-20037/0666	12/11/76	50	9601	4848N 05428E	13.9	153.4	FGGG		
2689-06224	00000/0000	2-20037/0667	12/11/76	60	9601	4724N 05352E	15.0	152.8	GGGG		
2689-06230	00000/0000	2-20037/0668	12/11/76	60	9601	4559N 05316E	16.1	152.2	FGGG		
2689-06233	00000/0000	2-20037/0669	12/11/76	100	9601	4434N 05242E	17.2	151.6	GGGG		
2689-06235	00000/0000	2-20037/0670	12/11/76	100	9601	4308N 05210E	18.3	151.0	GGGG		
2689-06244	00000/0000	2-20037/0671	12/11/76	80	9601	4018N 05109E	20.5	149.7	GGGG		
2689-08041	00000/0000	2-20037/0672	12/11/76	50	9602	5305N 03044E	10.5	155.4	FGFG		
2689-08062	00000/0000	2-20037/0673	12/11/76	100	9602	4602N 02730E	16.0	152.2	GGGG		
2689-13143	00000/0000	2-20037/0674	12/11/76	90	9605	5138N 04726W	11.6	154.7	GGGG		
2689-13145	00000/0000	2-20037/0675	12/11/76	60	9605	5013N 04806W	12.7	154.0	GGGG		
2689-13152	00000/0000	2-20037/0676	12/11/76	80	9605	4849N 04845W	13.8	153.4	GGGG		
2689-13154	00000/0000	2-20037/0677	12/11/76	80	9605	4724N 04921W	14.9	152.8	GGGG		
2689-13161	00000/0000	2-20037/0678	12/11/76	90	9605	4559N 04956W	16.0	152.1	GGGG		
2689-13163	00000/0000	2-20037/0679	12/11/76	90	9605	4434N 05030W	17.1	151.5	GGGG		
2689-13170	00000/0000	2-20037/0680	12/11/76	70	9605	4309N 05103W	18.2	150.9	GGGG		
2689-13172	00000/0000	2-20037/0681	12/11/76	60	9605	4144N 05134W	19.3	150.3	GGGG		
2689-15360	2-20037/1369	00000/0000	12/11/76	100	9606	7744S 14024W	23.6	90.2	GG		
2689-15363	2-20037/1370	00000/0000	12/11/76	100	9606	7841S 14552W	22.5	95.0	GFF		
2689-15365	2-20037/1371	00000/0000	12/11/76	90	9606	7931S 15210W	21.5	100.7	GGG		
2689-15372	2-20037/1372	00000/0000	12/11/76	90	9606	8012S 15925W	20.4	107.5	GGG		
2689-15374	2-20037/1373	00000/0000	12/11/76	100	9606	8043S 16736W	19.3	115.1	GGG		
2689-16412	00000/0000	2-20037/0670	12/11/76	20	9607	5013N 09947W	12.7	154.0	GGGG		
2689-23581	00000/0000	2-20037/0671	12/11/76	30	9611	3142S 13432E	50.1	88.8	FFFF		
2689-23584	00000/0000	2-20037/0672	12/11/76	40	9611	3308S 13407E	49.7	87.3	FGGG		
2690-03042	00000/0000	2-20037/0673	12/12/76	0	9613	3854N 10055E	21.4	149.1	GGGG		
2690-04432	00000/0000	2-20037/0674	12/12/76	10	9614	5304N 08054E	10.4	155.3	PPFF		
2690-04435	00000/0000	2-20037/0675	12/12/76	10	9614	5139N 08011E	11.5	154.6	PPGG		
2690-04441	00000/0000	2-20037/0676	12/12/76	10	9614	5015N 07931E	12.6	154.0	PPGG		
2690-04444	00000/0000	2-20037/0677	12/12/76	10	9614	4850N 07852E	13.7	153.3	FGGG		
2690-04450	00000/0000	2-20037/0678	12/12/76	0	9614	4726N 07815E	14.8	152.7	FGGG		
2690-04453	00000/0000	2-20037/0679	12/12/76	0	9614	4601N 07740E	15.9	152.1	FGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0092

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2690-04455	00000/0000	2-20037/0678	12/12/76	0	9614	4436N 07706E	17.0	151.5	FGGG		
2690-04462	00000/0000	2-20037/0679	12/12/76	10	9614	4311N 07634E	18.1	150.9	FGGP		
2690-04464	00000/0000	2-20037/0680	12/12/76	80	9614	4145N 07603E	19.2	150.3	FGGG		
2690-04471	00000/0000	2-20037/0681	12/12/76	50	9614	4020N 07533E	20.3	149.7	GGGG		
2690-04473	00000/0000	2-20037/0682	12/12/76	50	9614	3854N 07504E	21.4	149.1	FGGG		
2690-04480	00000/0000	2-20037/0683	12/12/76	50	9614	3728N 07437E	22.5	148.4	GGGG		
2690-04482	00000/0000	2-20037/0684	12/12/76	70	9614	3602N 07410E	23.5	147.8	GGGG		
2690-04485	00000/0000	2-20037/0685	12/12/76	30	9614	3437N 07343E	24.6	147.2	GGGG		
2690-04505	00000/0000	2-20037/0686	12/12/76	0	9614	2727N 07138E	29.7	143.7	PPGF		
2690-04512	00000/0000	2-20037/0687	12/12/76	0	9614	2601N 07115E	30.7	142.9	FGGG		
2690-04514	00000/0000	2-20037/0688	12/12/76	0	9614	2435N 07052E	31.7	142.2	FGGG		
2690-04521	00000/0000	2-20037/0689	12/12/76	0	9614	2308N 07030E	32.7	141.4	FGFG		
2690-04523	00000/0000	2-20037/0690	12/12/76	0	9614	2142N 07007E	33.7	140.6	GGGG		
2690-04530	00000/0000	2-20037/0691	12/12/76	20	9614	2015N 06945E	34.6	139.7	GGPG		
2690-06271	00000/0000	2-20037/0692	12/12/76	80	9615	5140N 05424E	11.5	154.6	PFFG		
2690-06273	00000/0000	2-20037/0693	12/12/76	50	9615	5016N 05344E	12.6	154.0	FGGF		
2690-06280	00000/0000	2-20037/0694	12/12/76	70	9615	4851N 05305E	13.7	153.3	FGGG		
2690-06282	00000/0000	2-20037/0695	12/12/76	60	9615	4726N 05227E	14.8	152.7	GGGG		
2690-06285	00000/0000	2-20037/0696	12/12/76	90	9615	4601N 05152E	15.9	152.1	GGGG		
2690-06291	00000/0000	2-20037/0697	12/12/76	70	9615	4436N 05118E	17.0	151.5	GGGG		
2690-06294	00000/0000	2-20037/0698	12/12/76	90	9615	4310N 05046E	18.1	150.9	GGGG		
2690-06303	00000/0000	2-20037/0476	12/12/76	20	9615	4020N 04945E	20.3	149.7	GGGG		
2690-06305	00000/0000	2-20037/0477	12/12/76	10	9615	3854N 04916E	21.4	149.0	GGGG		
2690-06312	00000/0000	2-20037/0478	12/12/76	10	9615	3729N 04847E	22.5	148.4	GGGG		
2690-06314	00000/0000	2-20037/0479	12/12/76	0	9615	3603N 04820E	23.5	147.8	GGGF		
2690-06321	00000/0000	2-20037/0480	12/12/76	0	9615	3437N 04753E	24.6	147.1	GGGG		
2690-06323	00000/0000	2-20037/0481	12/12/76	0	9615	3311N 04727E	25.6	146.5	GGGG		
2690-06330	00000/0000	2-20037/0482	12/12/76	0	9615	3145N 04701E	26.7	145.8	FGGG		
2690-08102	00000/0000	2-20037/0483	12/12/76	40	9616	5139N 02836E	11.5	154.6	GGGG		
2690-13201	00000/0000	2-20037/0704	12/12/76	80	9619	5141N 04848W	11.5	154.6	GGGG		
2690-13203	00000/0000	2-20037/0705	12/12/76	80	9619	5016N 04929W	12.6	153.9	GGGG		
2690-13210	00000/0000	2-20037/0706	12/12/76	90	9619	4851N 05008W	13.7	153.3	GGGG		
2690-13212	00000/0000	2-20037/0707	12/12/76	80	9619	4726N 05045W	14.8	152.7	GGGG		
2690-13215	00000/0000	2-20037/0708	12/12/76	80	9619	4601N 05120W	15.9	152.1	GGGG		
2690-13221	00000/0000	2-20037/0709	12/12/76	90	9619	4437N 05154W	17.0	151.5	GGGG		
2690-13224	00000/0000	2-20037/0710	12/12/76	70	9619	4312N 05227W	18.1	150.9	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 12/01/76 TO 12/31/76

PAGE 0093

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
									123 45678		
2690-13230	00000/0000	2-20037/0711	12/12/76	50	9619	4146N	05258W	19.2 150.3		GGGG	
2690-15421	2-20037/1374	00000/0000	12/12/76	90	9620	7837S	14714W	22.6 95.0	GGG		
2690-15424	2-20037/1375	00000/0000	12/12/76	100	9620	7927S	15335W	21.5 100.7	GGG		
2690-15430	2-20037/1376	00000/0000	12/12/76	100	9620	8008S	16049W	20.5 107.4	GGG		
2690-16535	00000/0000	2-20037/0635	12/12/76	10	9621	2727N	10903W	29.7 143.7		FGGG	
2690-16541	00000/0000	2-20037/0636	12/12/76	20	9621	2600N	10926W	30.7 142.9		GGGG	
2690-16544	00000/0000	2-20037/0638	12/12/76	30	9621	2434N	10949W	31.7 142.1		GG	H
2690-16550	00000/0000	2-20037/0637	12/12/76	20	9621	2308N	11012W	32.6 141.4		GGGG	H
2691-03091	00000/0000	2-20037/0732	12/13/76	0	9627	4144N	10028E	19.1 150.2		FGGG	
2691-03094	00000/0000	2-20037/0733	12/13/76	0	9627	4019N	09958E	20.2 149.6		FGPG	
2691-03100	00000/0000	2-20037/0734	12/13/76	0	9627	3853N	09929E	21.3 149.0		FGGG	
2691-03103	00000/0000	2-20037/0735	12/13/76	0	9627	3728N	09900E	22.4 148.4		GGGG	
2691-03105	00000/0000	2-20037/0736	12/13/76	0	9627	3602N	09833E	23.4 147.7		GGGG	
2691-03112	00000/0000	2-20037/0737	12/13/76	0	9627	3435N	09806E	24.5 147.1		GGGG	
2691-03114	00000/0000	2-20037/0738	12/13/76	0	9627	3309N	09740E	25.5 146.4		GFGG	
2691-03121	00000/0000	2-20037/0739	12/13/76	0	9627	3144N	09715E	26.6 145.7		GGGG	
2691-03123	00000/0000	2-20037/0740	12/13/76	0	9627	3018N	09650E	27.6 145.1		GGGG	
2691-03130	00000/0000	2-20037/0741	12/13/76	0	9627	2851N	09626E	28.6 144.4		GGGG	
2691-03132	00000/0000	2-20037/0742	12/13/76	10	9627	2725N	09602E	29.6 143.6		GFGG	
2691-03135	00000/0000	2-20037/0743	12/13/76	40	9627	2600N	09538E	30.6 142.9		GGGG	
2691-03141	00000/0000	2-20037/0744	12/13/76	40	9627	2434N	09515E	31.6 142.1		GGFG	
2691-03144	00000/0000	2-20037/0745	12/13/76	30	9627	2308N	09453E	32.6 141.3		GGGG	
2691-03150	00000/0000	2-20037/0746	12/13/76	10	9627	2141N	09431E	33.6 140.5		GGGG	
2691-03153	00000/0000	2-20037/0747	12/13/76	10	9627	2013N	09409E	34.5 139.7		GGGG	
2691-04491	00000/0000	2-20037/0748	12/13/76	100	9628	5302N	07930E	10.3 155.2		GFFG	
2691-04493	00000/0000	2-20037/0749	12/13/76	100	9628	5137N	07847E	11.4 154.5		GGGG	
2691-04500	00000/0000	2-20037/0750	12/13/76	100	9628	5013N	07807E	12.5 153.9		GGGG	
2691-04502	00000/0000	2-20037/0751	12/13/76	100	9628	4849N	07729E	13.6 153.2		GGFG	
2691-04505	00000/0000	2-20037/0752	12/13/76	100	9628	4724N	07652E	14.8 152.6		GGGG	
2691-04511	00000/0000	2-20037/0753	12/13/76	100	9628	4559N	07617E	15.9 152.0		GGGG	
2691-04514	00000/0000	2-20037/0754	12/13/76	100	9628	4434N	07543E	17.0 151.4		GGGG	
2691-04520	00000/0000	2-20037/0755	12/13/76	100	9628	4309N	07510E	18.0 150.8		GGGG	
2691-04523	00000/0000	2-20037/0756	12/13/76	90	9628	4144N	07439E	19.1 150.2		GGGG	
2691-04525	00000/0000	2-20037/0757	12/13/76	60	9628	4019N	07408E	20.2 149.6		GGGG	
2691-04532	00000/0000	2-20037/0758	12/13/76	20	9628	3853N	07339E	21.3 149.0		GGGG	
2691-04534	00000/0000	2-20037/0759	12/13/76	50	9628	3727N	07311E	22.4 148.3		GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 177

LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

PAGE 0094

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2691-04541	00000/0000	2-20037/0760	12/13/76	50	9628	3601N 07244E	23.4	147.7	GGGG		
2691-04543	00000/0000	2-20037/0761	12/13/76	20	9628	3435N 07217E	24.5	147.1	GGGG		
2691-04550	00000/0000	2-20037/0762	12/13/76	0	9628	3310N 07151E	25.5	146.4	GGGG		
2691-04552	00000/0000	2-20037/0763	12/13/76	0	9628	3144N 07125E	26.6	145.7	FGGG		
2691-04555	00000/0000	2-20037/0764	12/13/76	0	9628	3018N 07101E	27.6	145.1	FGGG		
2691-04561	00000/0000	2-20037/0765	12/13/76	0	9628	2852N 07037E	28.6	144.3	FGGG		
2691-04564	00000/0000	2-20037/0766	12/13/76	0	9628	2726N 07013E	29.6	143.6	GGGG		
2691-04570	00000/0000	2-20037/0767	12/13/76	0	9628	2559N 06950E	30.6	142.9	FGGG		
2691-04573	00000/0000	2-20037/0768	12/13/76	0	9628	2433N 06926E	31.6	142.1	GGGG		
2691-04575	00000/0000	2-20037/0769	12/13/76	0	9628	2306N 06903E	32.6	141.3	FGGG		
2691-04582	00000/0000	2-20037/0770	12/13/76	0	9628	2139N 06841E	33.6	140.5	GGGF		
2691-04584	00000/0000	2-20037/0771	12/13/76	10	9628	2013N 06820E	34.5	139.7	GGGG		
2691-06325	00000/0000	2-20037/0772	12/13/76	10	9629	5139N 05256E	11.4	154.5	GGGG		
2691-06331	00000/0000	2-20037/0773	12/13/76	90	9629	5014N 05216E	12.5	153.9	GGGG		
2691-06334	00000/0000	2-20037/0774	12/13/76	100	9629	4849N 05138E	13.6	153.2	PGGG		
2691-06340	00000/0000	2-20037/0775	12/13/76	50	9629	4725N 05101E	14.8	152.6	FGGG		
2691-06343	00000/0000	2-20037/0776	12/13/76	50	9629	4600N 05027E	15.9	152.0	FGFF		
2691-06354	00000/0000	2-20037/0866	12/13/76	90	9629	4143N 04848E	19.1	150.2	GGGG		
2691-06361	00000/0000	2-20037/0867	12/13/76	90	9629	4018N 04818E	20.2	149.6	FGGG		
2691-06363	00000/0000	2-20037/0868	12/13/76	30	9629	3852N 04749E	21.3	149.0	FGGG		
2691-06370	00000/0000	2-20037/0869	12/13/76	10	9629	3727N 04721E	22.4	148.3	FFGG		
2691-06372	00000/0000	2-20037/0870	12/13/76	0	9629	3601N 04654E	23.4	147.7	GGGG		
2691-06375	00000/0000	2-20037/0871	12/13/76	0	9629	3435N 04628E	24.5	147.1	FFGG		
2691-06381	00000/0000	2-20037/0872	12/13/76	0	9629	3310N 04602E	25.5	146.4	GGGG		
2691-08154	00000/0000	2-20037/0873	12/13/76	40	9630	5306N 02752E	10.3	155.2	GGFF		
2691-08160	00000/0000	2-20037/0874	12/13/76	50	9630	5141N 02709E	11.4	154.5	FGGG		
2691-08163	00000/0000	2-20037/0875	12/13/76	90	9630	5017N 02629E	12.5	153.9	FGGG		
2691-13253	00000/0000	2-20037/0712	12/13/76	90	9633	5304N 04933W	10.3	155.1	FGGG		
2691-13255	00000/0000	2-20037/0713	12/13/76	80	9633	5140N 05015W	11.4	154.5	GGGG		
2691-13262	00000/0000	2-20037/0714	12/13/76	90	9633	5016N 05056W	12.5	153.8	GGGG		
2691-13264	00000/0000	2-20037/0715	12/13/76	90	9633	4851N 05135W	13.6	153.2	GGGG		
2691-13271	00000/0000	2-20037/0716	12/13/76	80	9633	4725N 05212W	14.7	152.6	GGGF		
2691-13273	00000/0000	2-20037/0717	12/13/76	100	9633	4601N 05247W	15.8	152.0	GGGG		
2691-13280	00000/0000	2-20037/0718	12/13/76	90	9633	4435N 05321W	16.9	151.4	GGGG		
2691-13282	00000/0000	2-20037/0719	12/13/76	90	9633	4310N 05354W	18.0	150.8	GGGG		
2691-13285	00000/0000	2-20037/0720	12/13/76	90	9633	4144N 05425W	19.1	150.2	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR N8N-US
FROM 12/01/76 TO 12/31/76

PAGE 0095

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2691-15093	00000/0000	2-20037/0721	12/13/76	10	9634	5015N 07648W	12.5	153.8	GGGG		
2691-15482	2-20037/1377	00000/0000	12/13/76	100	9634	7933S 15534W	21.5	101.5	GGG		
2691-15484	2-20037/1378	00000/0000	12/13/76	90	9634	8014S 16253W	20.4	108.3	GGF		
2691-16525	00000/0000	2-20037/0639	12/13/76	60	9635	5015N 10240W	12.5	153.8		FGGG	
2691-16590	00000/0000	2-20037/0640	12/13/76	0	9635	2852N 11006W	28.6	144.3		FGGG	
2691-16593	00000/0000	2-20037/0641	12/13/76	10	9635	2726N 11029W	29.6	143.6		GFPP	
2691-16595	00000/0000	2-20037/0644	12/13/76	20	9635	2600N 11053W	30.6	142.8		GF	
2691-17002	00000/0000	2-20037/0642	12/13/76	30	9635	2433N 11116W	31.6	142.1		GGGG	
2691-17004	00000/0000	2-20037/0643	12/13/76	40	9635	2307N 11139W	32.5	141.3		GGGG	H
2692-00094	00000/0000	2-20037/0876	12/14/76	80	9639	3142S 13141E	49.9	89.2		GGGG	H
2692-01325	00000/0000	2-20037/0877	12/14/76	30	9640	3726N 12324E	22.3	148.3		GGFF	
2692-01350	00000/0000	2-20037/0878	12/14/76	10	9640	3018N 12113E	27.5	145.0		FFGG	
2692-01352	00000/0000	2-20037/0879	12/14/76	0	9640	2852N 12048E	28.5	144.3		GGGG	
2692-01355	00000/0000	2-20037/0880	12/14/76	10	9640	2726N 12024E	29.5	143.6		FFFF	
2692-03143	00000/0000	2-20037/0777	12/14/76	80	9641	4312N 09934E	17.9	150.7		FGGG	
2692-03145	00000/0000	2-20037/0778	12/14/76	90	9641	4146N 09903E	19.0	150.1		GGGG	
2692-03152	00000/0000	2-20037/0779	12/14/76	70	9641	4021N 09833E	20.1	149.5		FGGG	
2692-03154	00000/0000	2-20037/0780	12/14/76	30	9641	3855N 09804E	21.2	148.9		GGGG	
2692-03161	00000/0000	2-20037/0781	12/14/76	90	9641	3729N 09736E	22.2	148.3		FGGG	
2692-03163	00000/0000	2-20037/0782	12/14/76	60	9641	3604N 09709E	23.3	147.7		GGGG	
2692-03170	00000/0000	2-20037/0783	12/14/76	80	9641	3438N 09642E	24.3	147.0		GGGG	
2692-03172	00000/0000	2-20037/0784	12/14/76	20	9641	3312N 09616E	25.4	146.4		GGG	
2692-03175	00000/0000	2-20037/0785	12/14/76	0	9641	3146N 09550E	26.4	145.7		FFFF	
2692-03181	00000/0000	2-20037/0786	12/14/76	10	9641	3020N 09526E	27.5	145.0		GGGG	
2692-03184	00000/0000	2-20037/0787	12/14/76	20	9641	2854N 09501E	28.5	144.3		GGGG	
2692-03190	00000/0000	2-20037/0788	12/14/76	10	9641	2728N 09437E	29.5	143.6		GGGG	
2692-03193	00000/0000	2-20037/0789	12/14/76	10	9641	2602N 09414E	30.5	142.8		GGGG	
2692-03195	00000/0000	2-20037/0790	12/14/76	10	9641	2436N 09351E	31.5	142.1		GGGG	
2692-03202	00000/0000	2-20037/0791	12/14/76	20	9641	2309N 09328E	32.5	141.3		GGGG	
2692-03204	00000/0000	2-20037/0792	12/14/76	10	9641	2143N 09306E	33.4	140.5		GGGG	
2692-03211	00000/0000	2-20037/0793	12/14/76	10	9641	2017N 09244E	34.4	139.6		GGGG	
2692-03213	00000/0000	2-20037/0794	12/14/76	10	9641	1850N 09222E	35.3	138.8		GGGG	
2692-04551	00000/0000	2-20037/0795	12/14/76	30	9642	5141N 07721E	11.3	154.4		GGGG	
2692-04554	00000/0000	2-20037/0796	12/14/76	90	9642	5016N 07640E	12.4	153.8		GGGG	
2692-04560	00000/0000	2-20037/0797	12/14/76	90	9642	4852N 07602E	13.5	153.2		GGGG	
2692-04563	00000/0000	2-20037/0798	12/14/76	100	9642	4727N 07525E	14.6	152.5		GGGG	

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR N8N=US
FROM 12/01/76 TO 12/31/76

PAGE 0096

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2692-04565	00000/0000	2-20037/0799	12/14/76	100	9642	4602N 07450E	15.7	151.9	GGGG		
2692-04572	00000/0000	2-20037/0800	12/14/76	100	9642	4437N 07416E	16.8	151.3	FGGG		
2692-04574	00000/0000	2-20037/0801	12/14/76	70	9642	4312N 07343E	17.9	150.7	GGGG		
2692-04581	00000/0000	2-20037/0802	12/14/76	70	9642	4146N 07312E	19.0	150.1	GGGG		
2692-04583	00000/0000	2-20037/0803	12/14/76	80	9642	4020N 07242E	20.1	149.5	GGFG		
2692-04590	00000/0000	2-20037/0804	12/14/76	90	9642	3855N 07213E	21.2	148.9	GGGG		
2692-04592	00000/0000	2-20037/0805	12/14/76	80	9642	3729N 07145E	22.2	148.3	GGGG		
2692-04595	00000/0000	2-20037/0806	12/14/76	20	9642	3604N 07118E	23.3	147.6	GGGG		
2692-05001	00000/0000	2-20037/0807	12/14/76	0	9642	3438N 07052E	24.3	147.0	GGGG		
2692-05004	00000/0000	2-20037/0808	12/14/76	0	9642	3312N 07026E	25.4	146.3	FGGG		
2692-05010	00000/0000	2-20037/0809	12/14/76	0	9642	3146N 07000E	26.4	145.7	GGGG		
2692-05013	00000/0000	2-20037/0810	12/14/76	0	9642	3020N 06935E	27.5	145.0	FGGG		
2692-05022	00000/0000	2-20037/0811	12/14/76	0	9642	2727N 06848E	29.5	143.6	GGGG		
2692-05024	00000/0000	2-20037/0812	12/14/76	0	9642	2601N 06824E	30.5	142.8	GGGG		
2692-05031	00000/0000	2-20037/0813	12/14/76	0	9642	2435N 06801E	31.5	142.1	GGGG		
2692-05033	00000/0000	2-20037/0814	12/14/76	10	9642	2307N 06739E	32.4	141.3	GGGG		
2692-05040	00000/0000	2-20037/0815	12/14/76	20	9642	2140N 06717E	33.4	140.5	GGGF		
2692-05042	00000/0000	2-20037/0816	12/14/76	20	9642	2014N 06655E	34.4	139.6	GGGF		
2692-06385	00000/0000	2-20037/0817	12/14/76	60	9643	5016N 05051E	12.4	153.8	GFFG		
2692-06392	00000/0000	2-20037/0818	12/14/76	70	9643	4852N 05012E	13.5	153.2	GFFG		
2692-06394	00000/0000	2-20037/0819	12/14/76	10	9643	4727N 04935E	14.6	152.5	FFFF		
2692-06401	00000/0000	2-20037/0820	12/14/76	50	9643	4602N 04900E	15.7	151.9	FFFF		
2692-06403	00000/0000	2-20037/0821	12/14/76	90	9643	4436N 04827E	16.8	151.3	FFFF		
2692-06412	00000/0000	2-20037/0823	12/14/76	100	9643	4146N 04723E	19.0	150.1	GGGG		
2692-06415	00000/0000	2-20037/0824	12/14/76	100	9643	4021N 04653E	20.1	149.5	GGGG		
2692-06421	00000/0000	2-20037/0825	12/14/76	100	9643	3855N 04624E	21.2	148.9	GGGG		
2692-08212	00000/0000	2-20037/0826	12/14/76	90	9644	5304N 02625E	10.2	155.1	GGGG		
2692-08214	00000/0000	2-20037/0827	12/14/76	70	9644	5140N 02542E	11.3	154.4	GGGG		
2692-08221	00000/0000	2-20037/0828	12/14/76	70	9644	5015N 02502E	12.4	153.8	GGGG		
2692-08223	00000/0000	2-20037/0829	12/14/76	40	9644	4851N 02423E	13.5	153.1	GGGG		
2692-08230	00000/0000	2-20037/0830	12/14/76	80	9644	4726N 02347E	14.6	152.5	GGGG		
2692-13311	00000/0000	2-20037/0722	12/14/76	90	9647	5305N 05059W	10.2	155.1	GGGG		
2692-13313	00000/0000	2-20037/0723	12/14/76	80	9647	5141N 05141W	11.3	154.4	GGGG		
2692-13320	00000/0000	2-20037/0724	12/14/76	80	9647	5017N 05221W	12.4	153.8	GGGG		
2692-13322	00000/0000	2-20037/0725	12/14/76	60	9647	4853N 05259W	13.5	153.1	GGGG		
2692-13325	00000/0000	2-20037/0726	12/14/76	50	9647	4728N 05336W	14.6	152.5	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
										123 45678		
2692-13331	00000/0000	2-20037/0727	12/14/76	70	9647	4602N	05412W	15.7	151.9	GGGG		
2692-13334	00000/0000	2-20037/0728	12/14/76	70	9647	4437N	05447W	16.8	151.3	GGGG		
2692-13340	00000/0000	2-20037/0729	12/14/76	70	9647	4312N	05519W	17.9	150.7	GGGG		
2692-13343	00000/0000	2-20037/0730	12/14/76	70	9647	4147N	05551W	19.0	150.1	GGGG		
2692-15151	00000/0000	2-20037/0731	12/14/76	100	9648	5017N	07813W	12.4	153.7	GGGG		
2692-15533	2-20037/1379	00000/0000	12/14/76	80	9648	7839S	15020W	22.6	95.5	GGG		
2692-15540	2-20037/1380	00000/0000	12/14/76	90	9648	7928S	15642W	21.6	101.2	GGG		
2692-15542	2-20037/1381	00000/0000	12/14/76	100	9648	8009S	16358W	20.5	108.0	GGG		
2692-17044	00000/0000	2-20037/0840	12/14/76	20	9649	2854N	11132W	28.4	144.2	FGG		
2692-17051	00000/0000	2-20037/0841	12/14/76	10	9649	2728N	11156W	29.4	143.5	GGGG		
2692-17053	00000/0000	2-20037/0844	12/14/76	10	9649	2601N	11219W	30.4	142.8	GF		H
2692-17060	00000/0000	2-20037/0842	12/14/76	70	9649	2435N	11241W	31.4	142.0	GGGG		H
2692-17062	00000/0000	2-20037/0843	12/14/76	70	9649	2308N	11304W	32.4	141.2	GGGF		H
2693-01383	00000/0000	2-20037/0831	12/15/76	70	9654	3728N	12159E	22.1	148.2	GGGG		
2693-01390	00000/0000	2-20037/0832	12/15/76	10	9654	3603N	12131E	23.2	147.6	FFFF		
2693-01392	00000/0000	2-20037/0833	12/15/76	10	9654	3437N	12104E	24.2	146.9	FGGF		
2693-01395	00000/0000	2-20037/0834	12/15/76	10	9654	3311N	12038E	25.3	146.3	FFFF		
2693-01401	00000/0000	2-20037/0835	12/15/76	0	9654	3146N	12012E	26.3	145.6	FPGG		
2693-01404	00000/0000	2-20037/0836	12/15/76	0	9654	3019N	11947E	27.4	144.9	FGGG		
2693-01410	00000/0000	2-20037/0837	12/15/76	50	9654	2853N	11922E	28.4	144.2	GGGG		
2693-01413	00000/0000	2-20037/0838	12/15/76	100	9654	2727N	11859E	29.4	143.5	GGGG		
2693-01415	00000/0000	2-20037/0839	12/15/76	100	9654	2601N	11835E	30.4	142.8	GGGG		
2693-01422	00000/0000	2-20037/0822	12/15/76	100	9654	2434N	11812E	31.4	142.0	G GG		
2693-03194	00000/0000	2-20037/0881	12/15/76	20	9655	4436N	09840E	16.7	151.2	GGFG		
2693-03201	00000/0000	2-20037/0882	12/15/76	40	9655	4311N	09808E	17.8	150.6	FGGG		
2693-03203	00000/0000	2-20037/0883	12/15/76	30	9655	4145N	09736E	18.9	150.0	FGGG		
2693-03210	00000/0000	2-20037/0884	12/15/76	40	9655	4020N	09706E	20.0	149.4	FGGG		
2693-03212	00000/0000	2-20037/0885	12/15/76	90	9655	3854N	09637E	21.1	148.8	GGGG		
2693-03215	00000/0000	2-20037/0886	12/15/76	50	9655	3728N	09609E	22.1	148.2	GGGG		
2693-03221	00000/0000	2-20037/0887	12/15/76	10	9655	3602N	09541E	23.2	147.6	GGGG		
2693-03224	00000/0000	2-20037/0888	12/15/76	60	9655	3436N	09515E	24.2	146.9	GGGG		
2693-03230	00000/0000	2-20037/0889	12/15/76	30	9655	3310N	09449E	25.3	146.3	GGGG		
2693-03233	00000/0000	2-20037/0890	12/15/76	10	9655	3145N	09423E	26.3	145.6	GGGG		
2693-03235	00000/0000	2-20037/0891	12/15/76	10	9655	3019N	09359E	27.4	144.9	GGGG		
2693-03242	00000/0000	2-20037/0892	12/15/76	10	9655	2853N	09334E	28.4	144.2	GGGG		
2693-03244	00000/0000	2-20037/0893	12/15/76	20	9655	2726N	09310E	29.4	143.5	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 12/01/76 TO 12/31/76

PAGE 0098

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678	MSS MODE	MSS IMAGE GAIN
2693-03251	00000/0000	2-20037/0894	12/15/76	10	9655	2600N	09246E	30.4	142.7	GGGG		
2693-03253	00000/0000	2-20037/0895	12/15/76	10	9655	2434N	09223E	31.4	142.0	GGGG		
2693-03260	00000/0000	2-20037/0896	12/15/76	10	9655	2308N	09201E	32.3	141.2	GGGF		
2693-03262	00000/0000	2-20037/0897	12/15/76	10	9655	2142N	09138E	33.3	140.4	GGGG		
2693-03265	00000/0000	2-20037/0898	12/15/76	20	9655	2014N	09116E	34.3	139.5	GFGG		
2693-03271	00000/0000	2-20037/0899	12/15/76	20	9655	1847N	09055E	35.2	138.7	GFGF		
2693-03274	00000/0000	2-20037/0900	12/15/76	40	9655	1721N	09034E	36.1	137.8	GGGG		
2693-05003	00000/0000	2-20037/0901	12/15/76	60	9656	5305N	07638E	10.1	155.0	FGGF		
2693-05005	00000/0000	2-20037/0902	12/15/76	30	9656	5141N	07556E	11.2	154.3	GGGG		
2693-05012	00000/0000	2-20037/0903	12/15/76	10	9656	5016N	07515E	12.3	153.7	FFGG		
2693-05014	00000/0000	2-20037/0904	12/15/76	0	9656	4851N	07436E	13.4	153.1	GGGG		
2693-05021	00000/0000	2-20037/0905	12/15/76	80	9656	4726N	07359E	14.5	152.4	GGGG		
2693-05023	00000/0000	2-20037/0906	12/15/76	100	9656	4601N	07324E	15.6	151.8	GGGG		
2693-05030	00000/0000	2-20037/0907	12/15/76	80	9656	4436N	07249E	16.7	151.2	GGGF		
2693-05032	00000/0000	2-20037/0908	12/15/76	70	9656	4311N	07217E	17.8	150.6	GGGG		
2693-05035	00000/0000	2-20037/0909	12/15/76	30	9656	4145N	07146E	18.9	150.0	GFGG		
2693-05041	00000/0000	2-20037/0910	12/15/76	40	9656	4020N	07116E	20.0	149.4	GGGG		
2693-05044	00000/0000	2-20037/0911	12/15/76	30	9656	3854N	07047E	21.1	148.8	GGGG		
2693-05050	00000/0000	2-20037/0912	12/15/76	10	9656	3728N	07020E	22.1	148.2	GGGG		
2693-05053	00000/0000	2-20037/0913	12/15/76	0	9656	3603N	06952E	23.2	147.6	GGGG		
2693-05055	00000/0000	2-20037/0914	12/15/76	10	9656	3437N	06926E	24.2	146.9	GGFG		
2693-05062	00000/0000	2-20037/0915	12/15/76	10	9656	3310N	06900E	25.3	146.3	GGGG		
2693-05064	00000/0000	2-20037/0916	12/15/76	0	9656	3144N	06835E	26.3	145.6	GGGG		
2693-05071	00000/0000	2-20037/0917	12/15/76	0	9656	3018N	06810E	27.4	144.9	GGGG		
2693-05073	00000/0000	2-20037/0918	12/15/76	0	9656	2852N	06746E	28.4	144.2	GGGG		
2693-05080	00000/0000	2-20037/0919	12/15/76	0	9656	2726N	06722E	29.4	143.5	GGGG		
2693-05082	00000/0000	2-20037/0920	12/15/76	0	9656	2601N	06658E	30.4	142.7	GGGG		
2693-05085	00000/0000	2-20037/0921	12/15/76	10	9656	2434N	06635E	31.4	142.0	GFFG		
2693-05091	00000/0000	2-20037/0922	12/15/76	10	9656	2308N	06613E	32.3	141.2	GFFG		
2693-05094	00000/0000	2-20037/0923	12/15/76	40	9656	2141N	06550E	33.3	140.4	GGFF		
2693-05100	00000/0000	2-20037/0924	12/15/76	40	9656	2014N	06528E	34.3	139.5	GGGG		
2693-06462	00000/0000	2-20037/0925	12/15/76	60	9657	4436N	04700E	16.7	151.2	GFFG		
2693-06464	00000/0000	2-20037/0926	12/15/76	70	9657	4310N	04627E	17.8	150.6	FGGG		
2693-06471	00000/0000	2-20037/0927	12/15/76	80	9657	4145N	04556E	18.9	150.0	FGGG		
2693-06473	00000/0000	2-20037/0928	12/15/76	60	9657	4019N	04526E	20.0	149.4	GGGG		
2693-06480	00000/0000	2-20037/0929	12/15/76	20	9657	3854N	04457E	21.1	148.8	GGF		

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 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0099

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2693-08275	00000/0000	2-20037/0930	12/15/76	60	9658	5015N 02338E	12.3	153.7	GGFG		
2693-13365	00000/0000	2-20037/0845	12/15/76	90	9661	5306N 05225W	10.1	154.9	GGG		
2693-13371	00000/0000	2-20037/0846	12/15/76	90	9661	5142N 05308W	11.2	154.3	FFFF		
2693-13374	00000/0000	2-20037/0847	12/15/76	100	9661	5017N 05348W	12.3	153.7	GGGG		
2693-13380	00000/0000	2-20037/0848	12/15/76	90	9661	4852N 05427W	13.4	153.0	FFGG		
2693-13383	00000/0000	2-20037/0849	12/15/76	100	9661	4727N 05504W	14.5	152.4	GGGG		
2693-13385	00000/0000	2-20037/0850	12/15/76	100	9661	4602N 05539W	15.6	151.8	FGGF		
2693-13392	00000/0000	2-20037/0851	12/15/76	90	9661	4436N 05613W	16.7	151.2	GGGG		
2693-13394	00000/0000	2-20037/0852	12/15/76	80	9661	4311N 05646W	17.8	150.6	FGGG		
2693-13401	00000/0000	2-20037/0853	12/15/76	80	9661	4146N 05717W	18.9	150.0	GGGG		
2693-17041	00000/0000	2-20037/0854	12/15/76	30	9663	5016N 10530W	12.3	153.6	GGGF		
2693-17103	00000/0000	2-20037/0855	12/15/76	0	9663	2853N 11258W	28.3	144.2	FGGF		
2693-17105	00000/0000	2-20037/0859	12/15/76	0	9663	2726N 11321W	29.3	143.4	GG		
2693-17112	00000/0000	2-20037/0856	12/15/76	10	9663	2559N 11345W	30.3	142.7	GGGG		
2693-17114	00000/0000	2-20037/0857	12/15/76	20	9663	2433N 11407W	31.3	141.9	GGGG		
2693-17121	00000/0000	2-20037/0858	12/15/76	60	9663	2307N 11430W	32.3	141.1	FGGG		
2694-01441	00000/0000	2-20037/0931	12/16/76	60	9668	3727N 12032E	22.0	148.1	GGG		
2694-01444	00000/0000	2-20037/0932	12/16/76	30	9668	3601N 12004E	23.1	147.5	GGGG		
2694-01450	00000/0000	2-20037/0933	12/16/76	10	9668	3436N 11937E	24.2	146.8	FGFG		
2694-01453	00000/0000	2-20037/0934	12/16/76	0	9668	3309N 11911E	25.2	146.2	FGFG		
2694-01462	00000/0000	2-20037/0860	12/16/76	20	9668	3017N 11820E	27.3	144.8	GGGG		
2694-01464	00000/0000	2-20037/0861	12/16/76	10	9668	2852N 11756E	28.3	144.1	FGGG		
2694-01471	00000/0000	2-20037/0862	12/16/76	30	9668	2725N 11732E	29.3	143.4	GGGG		
2694-01473	00000/0000	2-20037/0863	12/16/76	60	9668	2558N 11708E	30.3	142.7	GGGG		
2694-01480	00000/0000	2-20037/0864	12/16/76	80	9668	2433N 11646E	31.3	141.9	GGGG		
2694-01482	00000/0000	2-20037/0865	12/16/76	30	9668	2308N 11623E	32.2	141.1	FFFF		
2694-03250	00000/0000	2-20037/0953	12/16/76	10	9669	4600N 09748E	15.6	151.7	G		
2694-03253	00000/0000	2-20037/0954	12/16/76	30	9669	4434N 09714E	16.7	151.1	GGFG		
2694-03255	00000/0000	2-20037/0955	12/16/76	10	9669	4309N 09642E	17.8	150.5	GGFG		
2694-03262	00000/0000	2-20037/0956	12/16/76	0	9669	4144N 09610E	18.8	149.9	GGFG		
2694-03264	00000/0000	2-20037/0957	12/16/76	0	9669	4019N 09541E	19.9	149.3	GGGG		
2694-03271	00000/0000	2-20037/0958	12/16/76	20	9669	3853N 09511E	21.0	148.7	GGGG		
2694-03273	00000/0000	2-20037/0959	12/16/76	30	9669	3728N 09443E	22.1	148.1	GGFG		
2694-03280	00000/0000	2-20037/0960	12/16/76	10	9669	3602N 09415E	23.1	147.5	GGGG		
2694-03282	00000/0000	2-20037/0961	12/16/76	10	9669	3436N 09348E	24.2	146.8	GGGG		
2694-03285	00000/0000	2-20037/0962	12/16/76	0	9669	3310N 09322E	25.2	146.2	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0100

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2694-03291	00000/0000	2-20037/0963	12/16/76	0	9669	3144N	09257E	26.2	145.5	GGGG	
2694-03294	00000/0000	2-20037/0964	12/16/76	0	9669	3018N	09232E	27.3	144.8	GGGG	
2694-03300	00000/0000	2-20037/0965	12/16/76	10	9669	2852N	09208E	28.3	144.1	GGFG	
2694-03303	00000/0000	2-20037/0966	12/16/76	10	9669	2726N	09144E	29.3	143.4	GGGG	
2694-03305	00000/0000	2-20037/0967	12/16/76	10	9669	2559N	09120E	30.3	142.7	FGGG	
2694-03312	00000/0000	2-20037/0968	12/16/76	10	9669	2433N	09057E	31.3	141.9	GGGG	
2694-03314	00000/0000	2-20037/0969	12/16/76	20	9669	2307N	09035E	32.2	141.1	GGGG	
2694-03321	00000/0000	2-20037/0970	12/16/76	70	9669	2140N	09012E	33.2	140.3	FGGG	
2694-03323	00000/0000	2-20037/0971	12/16/76	80	9669	2013N	08951E	34.2	139.5	GGGG	
2694-03330	00000/0000	2-20037/0972	12/16/76	80	9669	1847N	08929E	35.1	138.6	GGGG	
2694-03332	00000/0000	2-20037/0973	12/16/76	80	9669	1720N	08908E	36.0	137.7	GGGG	
2694-03335	00000/0000	2-20037/0974	12/16/76	90	9669	1554N	08847E	36.9	136.8	GGGG	
2694-05061	00000/0000	2-20037/0975	12/16/76	30	9670	5304N	07514E	10.1	154.9	FGGG	
2694-05064	00000/0000	2-20037/0976	12/16/76	20	9670	5139N	07431E	11.2	154.2	GGGG	
2694-05070	00000/0000	2-20037/0977	12/16/76	70	9670	5015N	07349E	12.3	153.6	GGGG	
2694-05073	00000/0000	2-20037/0978	12/16/76	70	9670	4850N	07310E	13.4	152.9	GGGG	
2694-05075	00000/0000	2-20037/0979	12/16/76	30	9670	4725N	07233E	14.5	152.3	GGGG	
2694-05082	00000/0000	2-20037/0980	12/16/76	100	9670	4600N	07158E	15.6	151.7	GGGG	
2694-05084	00000/0000	2-20037/0981	12/16/76	100	9670	4435N	07124E	16.7	151.1	FGGG	
2694-05091	00000/0000	2-20037/0982	12/16/76	70	9670	4310N	07052E	17.8	150.5	FGGG	
2694-05093	00000/0000	2-20037/0983	12/16/76	20	9670	4144N	07021E	18.8	149.9	GGGG	
2694-05100	00000/0000	2-20037/0984	12/16/76	60	9670	4018N	06951E	19.9	149.3	GGGG	
2694-05102	00000/0000	2-20037/0985	12/16/76	10	9670	3853N	06922E	21.0	148.7	GGGG	
2694-05105	00000/0000	2-20037/0986	12/16/76	10	9670	3727N	06854E	22.0	148.1	GGGG	
2694-05111	00000/0000	2-20037/0987	12/16/76	10	9670	3601N	06826E	23.1	147.5	FGGG	
2694-05114	00000/0000	2-20037/0988	12/16/76	0	9670	3435N	06759E	24.2	146.8	GGGG	
2694-05120	00000/0000	2-20037/0989	12/16/76	0	9670	3309N	06733E	25.2	146.2	GGGG	
2694-05123	00000/0000	2-20037/0990	12/16/76	10	9670	3143N	06708E	26.2	145.5	GGGG	
2694-05125	00000/0000	2-20037/0991	12/16/76	0	9670	3017N	06643E	27.3	144.8	GGGG	
2694-05132	00000/0000	2-20037/0992	12/16/76	0	9670	2852N	06619E	28.3	144.1	PGGG	
2694-05134	00000/0000	2-20037/0993	12/16/76	0	9670	2726N	06555E	29.3	143.4	FGGG	
2694-05141	00000/0000	2-20037/0994	12/16/76	0	9670	2600N	06532E	30.3	142.7	FGGG	
2694-05143	00000/0000	2-20037/0995	12/16/76	10	9670	2433N	06509E	31.3	141.9	GGFG	
2694-05150	00000/0000	2-20037/0996	12/16/76	10	9670	2306N	06447E	32.2	141.1	GGFG	
2694-05152	00000/0000	2-20037/0997	12/16/76	10	9670	2139N	06424E	33.2	140.3	FGFF	
2694-06493	00000/0000	2-20037/1068	12/16/76	80	9671	5305N	04925E	10.0	154.9	F	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0101

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RSL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2694-06495	00000/0000	2-20037/1069	12/16/76	100	9671	5141N 04842E	11.1	154.2	GF G		
2694-06502	00000/0000	2-20037/1070	12/16/76	30	9671	5017N 04801E	12.2	153.6	GF GG		
2694-06504	00000/0000	2-20037/1071	12/16/76	20	9671	4852N 04722E	13.3	153.0	FF GG		
2694-06511	00000/0000	2-20037/1072	12/16/76	80	9671	4728N 04645E	14.4	152.3	GF GG		
2694-06513	00000/0000	2-20037/1073	12/16/76	90	9671	4603N 04610E	15.5	151.7	GG GG		
2694-06520	00000/0000	2-20037/1074	12/16/76	90	9671	4438N 04536E	16.6	151.1	FG GG		
2694-06522	00000/0000	2-20037/1075	12/16/76	80	9671	4313N 04504E	17.7	150.5	FG GG		
2694-06525	00000/0000	2-20037/1076	12/16/76	90	9671	4148N 04433E	18.8	149.9	GG GG		
2694-06531	00000/0000	2-20037/1077	12/16/76	50	9671	4022N 04402E	19.9	149.3	GF GG		
2694-06534	00000/0000	2-20037/1078	12/16/76	10	9671	3857N 04333E	20.9	148.7	FG GG		
2694-08324	00000/0000	2-20037/1079	12/16/76	70	9672	5306N 02336E	10.0	154.9	PG GG		
2694-13423	00000/0000	2-20037/1087	12/16/76	70	9675	5304N 05352W	10.0	154.8	FF GG		
2694-13430	00000/0000	2-20037/1088	12/16/76	30	9675	5140N 05435W	11.1	154.2	GG FG		
2694-13432	00000/0000	2-20037/1089	12/16/76	20	9675	5015N 05515W	12.2	153.5	GG FG		
2694-13435	00000/0000	2-20037/1090	12/16/76	10	9675	4851N 05554W	13.3	152.9	GG GF		
2694-13441	00000/0000	2-20037/1091	12/16/76	20	9675	4726N 05630W	14.4	152.3	FG GF		
2694-13444	00000/0000	2-20037/1092	12/16/76	40	9675	4601N 05706W	15.5	151.7	GG GG		
2694-13450	00000/0000	2-20037/1093	12/16/76	90	9675	4436N 05740W	16.6	151.1	FG GG		
2694-13453	00000/0000	2-20037/1094	12/16/76	90	9675	4310N 05812W	17.7	150.5	FG GG		
2694-13455	00000/0000	2-20037/1095	12/16/76	100	9675	4145N 05843W	18.8	149.9	GG GG		
2694-17090	00000/0000	2-20037/0935	12/16/76	10	9677	5304N 10533W	10.0	154.8	GG GG		
2694-17093	00000/0000	2-20037/0936	12/16/76	30	9677	5139N 10616W	11.1	154.2	GG GG		
2694-17095	00000/0000	2-20037/0937	12/16/76	10	9677	5015N 10657W	12.2	153.5	FG GG		
2694-17161	00000/0000	2-20037/0942	12/16/76	0	9677	2851N 11425W	28.2	144.1	GG		
2694-17163	00000/0000	2-20037/0938	12/16/76	10	9677	2725N 11449W	29.2	143.3	GG FG		H
2694-17170	00000/0000	2-20037/0939	12/16/76	40	9677	2559N 11512W	30.2	142.6	GG GG		H
2694-17172	00000/0000	2-20037/0940	12/16/76	50	9677	2433N 11534W	31.2	141.8	GG GG		H
2694-17175	00000/0000	2-20037/0941	12/16/76	40	9677	2306N 11556W	32.2	141.1	GG GG		H
2695-01493	00000/0000	2-20037/1106	12/17/76	0	9682	3852N 11934E	20.9	148.6	GG GG		
2695-01500	00000/0000	2-20037/1107	12/17/76	0	9682	3727N 11906E	22.0	148.0	GG G		
2695-01502	00000/0000	2-20037/1108	12/17/76	0	9682	3601N 11838E	23.0	147.4	GG PG		
2695-01505	00000/0000	2-20037/1109	12/17/76	0	9682	3435N 11811E	24.1	146.7	G G		
2695-01511	00000/0000	2-20037/1110	12/17/76	10	9682	3310N 11744E	25.1	146.1	GG GG		
2695-01514	00000/0000	2-20037/1111	12/17/76	10	9682	3144N 11719E	26.2	145.4	GG GG		
2695-01520	00000/0000	2-20037/1112	12/17/76	10	9682	3018N 11654E	27.2	144.7	GG GG		
2695-01523	00000/0000	2-20037/1113	12/17/76	50	9682	2851N 11630E	28.2	144.0	GGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0102

OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS DATA MODE	MSS MSS IMAGE GAIN
2695-01525	00000/0000	2-20037/1114	12/17/76	40	9682	2725N	11606E	29.2	143.3	GGGG	
2695-01532	00000/0000	2-20037/1115	12/17/76	50	9682	2559N	11542E	30.2	142.6	GGPG	
2695-01534	00000/0000	2-20037/1116	12/17/76	70	9682	2434N	11519E	31.2	141.8	GGGG	
2695-01541	00000/0000	2-20037/1117	12/17/76	40	9682	2307N	11457E	32.1	141.0	GGGG	
2695-06553	00000/0000	2-20037/1118	12/17/76	50	9685	5141N	04715E	11.1	154.1	GGGG	
2695-06560	00000/0000	2-20037/1119	12/17/76	90	9685	5017N	04634E	12.2	153.5	GGGG	
2695-06562	00000/0000	2-20037/1120	12/17/76	90	9685	4852N	04555E	13.3	152.9	GGGG	
2695-06565	00000/0000	2-20037/1121	12/17/76	90	9685	4728N	04519E	14.4	152.2	GGGG	
2695-06571	00000/0000	2-20037/1122	12/17/76	90	9685	4603N	04444E	15.5	151.6	GGGG	
2695-06574	00000/0000	2-20037/1123	12/17/76	100	9685	4438N	04411E	16.5	151.0	GGGG	
2695-06580	00000/0000	2-20037/1105	12/17/76	80	9685	4312N	04338E	17.6	150.4	G GG	
2695-13481	00000/0000	2-20037/0998	12/17/76	30	9689	5307N	05518W	9.9	154.7	GGFG	
2695-13484	00000/0000	2-20037/0999	12/17/76	90	9689	5142N	05601W	11.0	154.1	GGGG	
2695-13490	00000/0000	2-20037/1000	12/17/76	100	9689	5018N	05641W	12.1	153.5	FGFG	
2695-13493	00000/0000	2-20037/1001	12/17/76	100	9689	4853N	05720W	13.2	152.8	GGGG	
2695-13495	00000/0000	2-20037/1002	12/17/76	100	9689	4728N	05757W	14.3	152.2	GGGG	
2695-13502	00000/0000	2-20037/1003	12/17/76	100	9689	4603N	05832W	15.4	151.6	GGGG	
2695-13504	00000/0000	2-20037/1004	12/17/76	100	9689	4438N	05906W	16.5	151.0	GGGG	
2695-13511	00000/0000	2-20037/1005	12/17/76	100	9689	4313N	05938W	17.6	150.4	GGGG	
2695-13513	00000/0000	2-20037/1006	12/17/76	100	9689	4148N	06009W	18.7	149.8	GGGG	
2695-15322	00000/0000	2-20037/0943	12/17/76	50	9690	5018N	08233W	12.1	153.4	GFGF	
2695-17144	00000/0000	2-20037/1080	12/17/76	40	9691	5307N	10658W	9.9	154.7	GGG	
2695-17151	00000/0000	2-20037/1081	12/17/76	30	9691	5143N	10740W	11.0	154.1	GFG	
2695-17153	00000/0000	2-20037/1082	12/17/76	90	9691	5018N	10821W	12.1	153.4	GGGG	
2695-17212	00000/0000	2-20037/1083	12/17/76	10	9691	3020N	11525W	27.1	144.7	FGGG	
2695-17215	00000/0000	2-20037/1086	12/17/76	20	9691	2854N	11550W	28.1	144.0	FG	
2695-17221	00000/0000	2-20037/1084	12/17/76	20	9691	2728N	11613W	29.1	143.3	FGFG	
2695-17224	00000/0000	2-20037/1085	12/17/76	30	9691	2602N	11636W	30.1	142.5	FGGG	
2695-21080	00000/0000	2-20037/1008	12/17/76	90	9693	3850S	17521E	47.7	82.7	GGGG	
2696-01545	00000/0000	2-20037/1009	12/18/76	0	9696	4021N	11838E	19.7	149.1	GGGG	
2696-01551	00000/0000	2-20037/1010	12/18/76	10	9696	3856N	11809E	20.8	148.5	GGGG	
2696-01554	00000/0000	2-20037/1011	12/18/76	30	9696	3730N	11741E	21.9	147.9	GGGG	
2696-01560	00000/0000	2-20037/1007	12/18/76	90	9696	3604N	11713E	22.9	147.3	G GG	
2696-01563	00000/0000	2-20037/1012	12/18/76	90	9696	3438N	11645E	24.0	146.7	GG G	
2696-01565	00000/0000	2-20037/1013	12/18/76	90	9696	3312N	11619E	25.0	146.0	GGGG	
2696-01572	00000/0000	2-20037/1014	12/18/76	90	9696	3146N	11554E	26.0	145.3	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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H

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0103

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2696-01574	00000/0000	2-20037/1015	12/18/76	90	9696	3019N	11529E	27.1	144.7	GGGG		
2696-01581	00000/0000	2-20037/1016	12/18/76	100	9696	2853N	11508E	28.1	144.0	GGGG		
2696-01583	00000/0000	2-20037/1017	12/18/76	90	9696	2727N	11441E	29.1	143.2	GGGG		
2696-01590	00000/0000	2-20037/1018	12/18/76	90	9696	2601N	11418E	30.1	142.5	GGGG		
2696-01592	00000/0000	2-20037/1019	12/18/76	90	9696	2435N	11355E	31.0	141.7	GGGG		
2696-01595	00000/0000	2-20037/1020	12/18/76	50	9696	2309N	11333E	32.0	141.0	GGGG		
2696-07021	00000/0000	2-20037/1062	12/18/76	80	9699	4852N	04429E	13.2	152.7	FGG		
2696-07023	00000/0000	2-20037/1063	12/18/76	100	9699	4727N	04352E	14.3	152.1	GGGG		
2696-07030	00000/0000	2-20037/1064	12/18/76	90	9699	4601N	04317E	15.4	151.5	GGGG		
2696-07032	00000/0000	2-20037/1065	12/18/76	60	9699	4436N	04244E	16.5	150.9	FGGG		
2696-07035	00000/0000	2-20037/1066	12/18/76	10	9699	4311N	04211E	17.6	150.3	GGFG		
2696-07041	00000/0000	2-20037/1067	12/18/76	0	9699	4146N	04140E	18.6	149.7	FGFF		
2696-13535	00000/0000	2-20037/0944	12/18/76	90	9703	5307N	05644W	9.9	154.6	GGGG		
2696-13542	00000/0000	2-20037/0945	12/18/76	80	9703	5142N	05727W	11.0	154.0	GGGG		
2696-13544	00000/0000	2-20037/0946	12/18/76	80	9703	5017N	05808W	12.1	153.3	GGGG		
2696-13551	00000/0000	2-20037/0947	12/18/76	80	9703	4853N	05846W	13.2	152.7	GGGG		
2696-13553	00000/0000	2-20037/0948	12/18/76	90	9703	4728N	05922W	14.3	152.1	GGGG		
2696-13560	00000/0000	2-20037/0949	12/18/76	90	9703	4603N	05958W	15.4	151.5	GGGG		
2696-13562	00000/0000	2-20037/0950	12/18/76	90	9703	4437N	06031W	16.4	150.9	GGGG		
2696-13565	00000/0000	2-20037/0951	12/18/76	90	9703	4312N	06104W	17.5	150.3	GGGG		
2696-13571	00000/0000	2-20037/0952	12/18/76	80	9703	4147N	06135W	18.6	149.7	GGGG		
2696-17212	00000/0000	2-20037/1096	12/18/76	60	9705	5017N	10947W	12.1	153.3	GGGG		
2696-21145	00000/0000	2-20037/1021	12/18/76	100	9707	4305S	17224E	46.0	79.3	GGGG		
2696-21152	00000/0000	2-20037/1022	12/18/76	100	9707	4430S	17152E	45.4	78.2	GGGG		
2696-21154	00000/0000	2-20037/1023	12/18/76	100	9707	4555S	17118E	44.8	77.2	GGGG		
2696-22545	00000/0000	2-20037/1024	12/18/76	0	9708	3142S	15021E	49.4	89.8	GGGG		
2697-02003	00000/0000	2-20037/1025	12/19/76	10	9710	4020N	11712E	19.7	149.0	GPGG		
2697-02005	00000/0000	2-20037/1026	12/19/76	10	9710	3855N	11643E	20.7	148.4	GGGG		
2697-02012	00000/0000	2-20037/1027	12/19/76	80	9710	3729N	11614E	21.8	147.8	GGGG		
2697-02014	00000/0000	2-20037/1028	12/19/76	70	9710	3602N	11546E	22.8	147.2	GGGG		
2697-02021	00000/0000	2-20037/1029	12/19/76	80	9710	3437N	11520E	23.9	146.5	GGGG		
2697-02023	00000/0000	2-20037/1030	12/19/76	90	9710	3311N	11454E	24.9	145.9	GGGG		
2697-02030	00000/0000	2-20037/1031	12/19/76	100	9710	3145N	11429E	26.0	145.2	GGGG		
2697-02032	00000/0000	2-20037/1032	12/19/76	100	9710	3020N	11404E	27.0	144.6	GGG		
2697-02035	00000/0000	2-20037/1033	12/19/76	100	9710	2854N	11340E	28.0	143.9	GGGG		
2697-02041	00000/0000	2-20037/1034	12/19/76	100	9710	2727N	11316E	29.0	143.1	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NSN-US
FROM 12/01/76 TO 12/31/76

PAGE 0104

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
						LAT	LONG					
2697-02044	00000/0000	2-20037/1035	12/19/76	90	9710	2601N	11253E	30.0	142.4	GGGG		
2697-02050	00000/0000	2-20037/1036	12/19/76	90	9710	2435N	11230E	31.0	141.6	GGGG		
2697-02053	00000/0000	2-20037/1037	12/19/76	90	9710	2308N	11207E	31.9	140.9	GGGG		
2697-02055	00000/0000	2-20037/1038	12/19/76	50	9710	2142N	11145E	32.9	140.1	GGGG		
2697-07063	00000/0000	2-20037/1054	12/19/76	90	9713	5304N	04506E	9.8	154.5	GGGG		
2697-07070	00000/0000	2-20037/1055	12/19/76	100	9713	5140N	04423E	10.9	153.9	GGGG		
2697-07072	00000/0000	2-20037/1056	12/19/76	90	9713	5016N	04342E	12.0	153.2	GGGG		
2697-07075	00000/0000	2-20037/1057	12/19/76	90	9713	4851N	04303E	13.1	152.6	GGGG		
2697-07081	00000/0000	2-20037/1058	12/19/76	100	9713	4726N	04227E	14.2	152.0	GGGG		
2697-07084	00000/0000	2-20037/1059	12/19/76	80	9713	4601N	04152E	15.3	151.4	GGGG		
2697-07090	00000/0000	2-20037/1060	12/19/76	20	9713	4436N	04118E	16.4	150.8	GGGG		
2697-12423	00000/0000	2-20037/1039	12/19/76	100	9716	3725S	05759W	48.0	84.2	GGGG		
2697-12430	00000/0000	2-20037/1040	12/19/76	100	9716	3851S	05828W	47.5	82.9	GGGG		
2697-14000	00000/0000	2-20037/1097	12/19/76	60	9717	5142N	05853W	10.9	153.9	GGGG		
2697-14003	00000/0000	2-20037/1098	12/19/76	60	9717	5018N	05934W	12.0	153.2	GGGG		
2697-14005	00000/0000	2-20037/1099	12/19/76	90	9717	4853N	06012W	13.1	152.6	GGGG		
2697-14012	00000/0000	2-20037/1100	12/19/76	90	9717	4727N	06049W	14.2	152.0	GGGG		
2697-14014	00000/0000	2-20037/1101	12/19/76	70	9717	4602N	06125W	15.3	151.4	GGGG		
2697-14021	00000/0000	2-20037/1102	12/19/76	40	9717	4437N	06159W	16.4	150.8	GGGG		
2697-14023	00000/0000	2-20037/1103	12/19/76	50	9717	4311N	06231W	17.5	150.2	GGGG		
2697-14030	00000/0000	2-20037/1104	12/19/76	60	9717	4146N	06302W	18.5	149.6	GGGG		
2698-02055	00000/0000	2-20037/1041	12/20/76	0	9724	4144N	11614E	18.5	149.5	GGGG		
2698-02061	00000/0000	2-20037/1042	12/20/76	10	9724	4019N	11544E	19.6	148.9	GGGG		
2698-02064	00000/0000	2-20037/1043	12/20/76	0	9724	3853N	11514E	20.7	148.3	GGGG		
2698-02082	00000/0000	2-20037/1044	12/20/76	0	9724	3312N	11326E	24.8	145.8	GGGG		
2698-02084	00000/0000	2-20037/1045	12/20/76	20	9724	3146N	11301E	25.9	145.1	GGGG		
2698-02091	00000/0000	2-20037/1046	12/20/76	20	9724	3019N	11236E	26.9	144.4	GGGG		
2698-02093	00000/0000	2-20037/1047	12/20/76	10	9724	2853N	11212E	27.9	143.7	GGGG		
2698-02100	00000/0000	2-20037/1048	12/20/76	80	9724	2726N	11148E	28.9	143.0	GGGG		
2698-02102	00000/0000	2-20037/1049	12/20/76	100	9724	2600N	11125E	29.9	142.3	GGGG		
2698-02105	00000/0000	2-20037/1050	12/20/76	90	9724	2433N	11103E	30.9	141.5	GGGG		
2698-02111	00000/0000	2-20037/1051	12/20/76	70	9724	2307N	11040E	31.8	140.8	GGGG		
2698-02114	00000/0000	2-20037/1052	12/20/76	60	9724	2140N	11017E	32.8	140.0	GGGG		
2698-02120	00000/0000	2-20037/1053	12/20/76	80	9724	2014N	10955E	33.7	139.1	GGGG		
2698-03470	00000/0000	2-20037/1181	12/20/76	70	9725	4850N	09315E	13.1	152.5	G		
2698-03472	00000/0000	2-20037/1182	12/20/76	40	9725	4725N	09238E	14.2	151.9	FGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0105

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2698-03475	00000/0000	2-20037/1183	12/20/76	70	9725	4600N	09203E	15.3	151.3	GGGG			
2698-03481	00000/0000	2-20037/1184	12/20/76	100	9725	4435N	09129E	16.4	150.7	GGGG			
2698-03484	00000/0000	2-20037/1185	12/20/76	100	9725	4310N	09057E	17.4	150.1	FGGG			
2698-03490	00000/0000	2-20037/1186	12/20/76	90	9725	4144N	09026E	18.5	149.5	GGGG			
2698-03493	00000/0000	2-20037/1187	12/20/76	90	9725	4019N	08956E	19.6	148.9	GGGG			
2698-03495	00000/0000	2-20037/1188	12/20/76	50	9725	3853N	08926E	20.7	148.3	GGGG			
2698-03502	00000/0000	2-20037/1189	12/20/76	20	9725	3728N	08858E	21.7	147.7	GGGG			
2698-03504	00000/0000	2-20037/1190	12/20/76	10	9725	3602N	08831E	22.8	147.1	GGGG			
2698-03511	00000/0000	2-20037/1191	12/20/76	10	9725	3437N	08804E	23.8	146.4	GGGG			
2698-03513	00000/0000	2-20037/1192	12/20/76	10	9725	3310N	08738E	24.9	145.8	GGGG			
2698-03520	00000/0000	2-20037/1193	12/20/76	10	9725	3144N	08712E	25.9	145.1	GGGG			
2698-03522	00000/0000	2-20037/1194	12/20/76	10	9725	3018N	08647E	26.9	144.4	GGGG			
2698-03525	00000/0000	2-20037/1195	12/20/76	0	9725	2852N	08623E	27.9	143.7	GGGG			
2698-03531	00000/0000	2-20037/1196	12/20/76	10	9725	2725N	08559E	28.9	143.0	GGGG			
2698-03534	00000/0000	2-20037/1197	12/20/76	0	9725	2558N	08536E	29.9	142.3	GGGG			
2698-03540	00000/0000	2-20037/1198	12/20/76	10	9725	2433N	08514E	30.9	141.5	GGGG			
2698-03543	00000/0000	2-20037/1199	12/20/76	10	9725	2307N	08451E	31.8	140.7	FGGG			
2698-03545	00000/0000	2-20037/1200	12/20/76	0	9725	2140N	08429E	32.8	139.9	GGGG			
2698-03552	00000/0000	2-20037/1201	12/20/76	0	9725	2014N	08407E	33.7	139.1	GGGG			
2698-03554	00000/0000	2-20037/1202	12/20/76	0	9725	1847N	08345E	34.7	138.3	GGGG			
2698-03561	00000/0000	2-20037/1203	12/20/76	20	9725	1720N	08324E	35.6	137.4	FGGG			
2698-03563	00000/0000	2-20037/1204	12/20/76	30	9725	1554N	08303E	36.5	136.5	GGGG			
2698-03570	00000/0000	2-20037/1205	12/20/76	40	9725	1427N	08242E	37.3	135.5	GGGG			
2698-03572	00000/0000	2-20037/1206	12/20/76	40	9725	1301N	08221E	38.2	134.5	GGGG			
2698-05290	00000/0000	2-20037/1207	12/20/76	10	9726	5308N	06931E	9.8	154.5	PPPF			
2698-05292	00000/0000	2-20037/1208	12/20/76	10	9726	5143N	06848E	10.9	153.8	FFFF			
2698-05295	00000/0000	2-20037/1209	12/20/76	50	9726	5018N	06808E	12.0	153.2	PPPP			
2698-05301	00000/0000	2-20037/1210	12/20/76	90	9726	4854N	06729E	13.1	152.5	FFFF			
2698-05304	00000/0000	2-20037/1211	12/20/76	40	9726	4729N	06652E	14.1	151.9	FFFF			
2698-05310	00000/0000	2-20037/1212	12/20/76	40	9726	4604N	06616E	15.2	151.3	PPP			
2698-05313	00000/0000	2-20037/1213	12/20/76	80	9726	4439N	06542E	16.3	150.7	PPP			
2698-05315	00000/0000	2-20037/1214	12/20/76	90	9726	4313N	06509E	17.4	150.1	GGGG			
2698-05322	00000/0000	2-20037/1215	12/20/76	80	9726	4148N	06438E	18.5	149.5	GGGG			
2698-05324	00000/0000	2-20037/1216	12/20/76	90	9726	4022N	06408E	19.5	148.9	GGGG			
2698-05331	00000/0000	2-20037/1217	12/20/76	100	9726	3856N	06338E	20.6	148.3	FGGG			
2698-05333	00000/0000	2-20037/1218	12/20/76	70	9726	3731N	06310E	21.7	147.7	GGGG			

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

PAGE 0106

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2698-05340	00000/0000	2-20037/1219	12/20/76	90	9726	3605N 06243E	22.7	147.1	GGGG		
2698-05342	00000/0000	2-20037/1220	12/20/76	50	9726	3439N 06216E	23.8	146.4	FFFF		
2698-05351	00000/0000	2-20037/1221	12/20/76	40	9726	3147N 06124E	25.8	145.1	GGGF		
2698-05354	00000/0000	2-20037/1222	12/20/76	20	9726	3021N 06100E	26.9	144.4	PPP		
2698-05360	00000/0000	2-20037/1223	12/20/76	30	9726	2855N 06036E	27.9	143.8	FFFF		
2698-05363	00000/0000	2-20037/1224	12/20/76	60	9726	2728N 06012E	28.9	143.0	GGGG		
2698-05365	00000/0000	2-20037/1225	12/20/76	40	9726	2602N 05948E	29.9	142.3	PPPF		
2698-05372	00000/0000	2-20037/1226	12/20/76	30	9726	2436N 05925E	30.8	141.5	PPPP		
2698-14054	00000/0000	2-20037/1124	12/20/76	0	9731	5142N 06019W	10.9	153.7	GGGG		
2698-14061	00000/0000	2-20037/1125	12/20/76	20	9731	5017N 06101W	12.0	153.1	GGGG		
2698-14063	00000/0000	2-20037/1126	12/20/76	50	9731	4851N 06140W	13.1	152.5	GGGG		
2698-14070	00000/0000	2-20037/1127	12/20/76	20	9731	4727N 06217W	14.2	151.9	GGGG		
2698-14072	00000/0000	2-20037/1128	12/20/76	30	9731	4602N 06252W	15.3	151.3	GGGG		
2698-14075	00000/0000	2-20037/1129	12/20/76	60	9731	4436N 06326W	16.3	150.7	GGGG		
2698-14081	00000/0000	2-20037/1130	12/20/76	70	9731	4311N 06359W	17.4	150.1	GGGG		
2698-14084	00000/0000	2-20037/1131	12/20/76	40	9731	4145N 06430W	18.5	149.5	GGGG		
2698-15492	00000/0000	2-20037/1132	12/20/76	10	9732	5016N 08651W	12.0	153.1	GGGG		
2698-17324	00000/0000	2-20037/1133	12/20/76	90	9733	5019N 11238W	11.9	153.1	GFGG		
2699-03521	00000/0000	2-20037/1135	12/21/76	10	9739	5017N 09231E	11.9	153.1	GGGG		
2699-03524	00000/0000	2-20037/1136	12/21/76	30	9739	4852N 09152E	13.0	152.4	GGGG		
2699-03530	00000/0000	2-20037/1137	12/21/76	40	9739	4728N 09115E	14.1	151.8	FGGG		
2699-03533	00000/0000	2-20037/1138	12/21/76	50	9739	4603N 09041E	15.2	151.2	FFGG		
2699-03535	00000/0000	2-20037/1139	12/21/76	40	9739	4439N 09007E	16.3	150.6	GGGG		
2699-03542	00000/0000	2-20037/1140	12/21/76	40	9739	4314N 08934E	17.3	150.0	GFGG		
2699-03544	00000/0000	2-20037/1141	12/21/76	40	9739	4148N 08902E	18.4	149.4	GGGG		
2699-03551	00000/0000	2-20037/1142	12/21/76	40	9739	4022N 08832E	19.5	148.8	FFGG		
2699-03553	00000/0000	2-20037/1143	12/21/76	40	9739	3856N 08802E	20.6	148.2	FGGG		
2699-03560	00000/0000	2-20037/1144	12/21/76	20	9739	3731N 08734E	21.6	147.6	GGGG		
2699-03562	00000/0000	2-20037/1145	12/21/76	10	9739	3605N 08706E	22.7	147.0	FGFG		
2699-03565	00000/0000	2-20037/1146	12/21/76	20	9739	3439N 08639E	23.7	146.3	GGGG		
2699-03571	00000/0000	2-20037/1147	12/21/76	20	9739	3313N 08613E	24.7	145.7	FGGG		
2699-03574	00000/0000	2-20037/1148	12/21/76	10	9739	3147N 08548E	25.8	145.0	GGGF		
2699-03580	00000/0000	2-20037/1149	12/21/76	10	9739	3021N 08523E	26.8	144.3	GGGG		
2699-03583	00000/0000	2-20037/1150	12/21/76	30	9739	2855N 08459E	27.8	143.6	GGGG		
2699-03585	00000/0000	2-20037/1151	12/21/76	50	9739	2729N 08435E	28.8	142.9	GGGG		
2699-03592	00000/0000	2-20037/1152	12/21/76	40	9739	2602N 08412E	29.8	142.2	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20158 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 12/01/76 TO 12/31/76

PAGE 0107

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO. MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2699-03594	00000/0000	2-20037/1153	12/21/76	30	9739	2436N	08348E	30.8	141.4	GGGG		
2699-04001	00000/0000	2-20037/1154	12/21/76	10	9739	2310N	08326E	31.7	140.7	FGGG		
2699-04003	00000/0000	2-20037/1155	12/21/76	10	9739	2143N	08303E	32.7	139.9	GGGG		
2699-04010	00000/0000	2-20037/1156	12/21/76	10	9739	2017N	08242E	33.6	139.0	GGGG		
2699-04012	00000/0000	2-20037/1157	12/21/76	20	9739	1851N	08220E	34.5	138.2	GGGG		
2699-04015	00000/0000	2-20037/1158	12/21/76	20	9739	1724N	08159E	35.4	137.3	FGGG		
2699-04021	00000/0000	2-20037/1159	12/21/76	40	9739	1557N	08138E	36.3	136.4	GGGG		
2699-04024	00000/0000	2-20037/1160	12/21/76	60	9739	1430N	08117E	37.2	135.4	GGGG		
2699-04030	00000/0000	2-20037/1161	12/21/76	90	9739	1303N	08056E	38.1	134.5	FGGG		
2699-05350	00000/0000	2-20037/1162	12/21/76	10	9740	5142N	06722E	10.8	153.7	FFFF		
2699-05353	00000/0000	2-20037/1163	12/21/76	20	9740	5018N	06641E	11.9	153.0	FFFF		
2699-05355	00000/0000	2-20037/1164	12/21/76	40	9740	4853N	06602E	13.0	152.4	FFFF		
2699-05362	00000/0000	2-20037/1165	12/21/76	70	9740	4728N	06525E	14.1	151.8	FGGF		
2699-05364	00000/0000	2-20037/1166	12/21/76	90	9740	4603N	06450E	15.2	151.2	PPFF		
2699-05371	00000/0000	2-20037/1167	12/21/76	80	9740	4438N	06417E	16.3	150.6	FGGF		
2699-05373	00000/0000	2-20037/1168	12/21/76	90	9740	4313N	06344E	17.3	150.0	GGGP		
2699-05380	00000/0000	2-20037/1169	12/21/76	80	9740	4147N	06313E	18.4	149.4	GGGF		
2699-05382	00000/0000	2-20037/1170	12/21/76	70	9740	4022N	06242E	19.5	148.8	GGGG		
2699-05385	00000/0000	2-20037/1171	12/21/76	40	9740	3857N	06213E	20.6	148.2	FFFF		
2699-05391	00000/0000	2-20037/1172	12/21/76	70	9740	3731N	06145E	21.6	147.6	GGFG		
2699-05394	00000/0000	2-20037/1173	12/21/76	90	9740	3605N	06117E	22.7	147.0	FGGG		
2699-05400	00000/0000	2-20037/1174	12/21/76	60	9740	3439N	06051E	23.7	146.3	PPFG		
2699-05403	00000/0000	2-20037/1175	12/21/76	10	9740	3313N	06024E	24.7	145.7	PPFP		
2699-05405	00000/0000	2-20037/1176	12/21/76	20	9740	3147N	05959E	25.8	145.0	PPFF		
2699-05412	00000/0000	2-20037/1177	12/21/76	40	9740	3021N	05934E	26.8	144.3	PPGF		
2699-05414	00000/0000	2-20037/1178	12/21/76	50	9740	2855N	05910E	27.8	143.6	PGFF		
2699-05421	00000/0000	2-20037/1179	12/21/76	20	9740	2729N	05846E	28.8	142.9	PGFG		
2699-05423	00000/0000	2-20037/1180	12/21/76	10	9740	2602N	05823E	29.8	142.2	FGGP		
2699-15550	00000/0000	2-20037/1134	12/21/76	0	9746	5019N	08817W	11.9	153.0	GGGG		
2699-17382	00000/0000	2-20037/1061	12/21/76	50	9747	5019N	11403W	11.9	153.0	GGGG		
2700-03580	00000/0000	2-20037/1227	12/22/76	70	9753	5018N	09103E	11.9	152.9	FGGG		
2700-03582	00000/0000	2-20037/1228	12/22/76	90	9753	4853N	09024E	13.0	152.3	FFGG		
2700-03585	00000/0000	2-20037/1229	12/22/76	100	9753	4728N	08947E	14.1	151.7	FGGG		
2700-03591	00000/0000	2-20037/1230	12/22/76	100	9753	4602N	08912E	15.1	151.1	GGGG		
2700-03594	00000/0000	2-20037/1231	12/22/76	90	9753	4437N	08839E	16.2	150.5	GGGG		
2700-04000	00000/0000	2-20037/1232	12/22/76	30	9753	4312N	08806E	17.3	149.9	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

20:58 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

PAGE 0108

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2700-04003	00000/0000	2-20037/1233	12/22/76	10	9753	4147N 08735E	18.4	149.3		GFPG	
2700-04005	00000/0000	2-20037/1234	12/22/76	0	9753	4021N 08705E	19.4	148.7		GFGG	
2700-04012	00000/0000	2-20037/1235	12/22/76	30	9753	3856N 08635E	20.5	148.1		GGGF	
2700-04014	00000/0000	2-20037/1236	12/22/76	50	9753	3730N 08607E	21.6	147.5		GGGG	
2700-04021	00000/0000	2-20037/1237	12/22/76	10	9753	3605N 08539E	22.6	146.8		GGGG	
2700-04023	00000/0000	2-20037/1238	12/22/76	20	9753	3438N 08513E	23.7	146.2		GGGG	
2700-04030	00000/0000	2-20037/1239	12/22/76	20	9753	3312N 08446E	24.7	145.6		GGGG	
2700-04032	00000/0000	2-20037/1240	12/22/76	20	9753	3147N 08421E	25.7	144.9		GGGG	
2700-04035	00000/0000	2-20037/1241	12/22/76	30	9753	3021N 08356E	26.7	144.2		GGGG	
2700-04041	00000/0000	2-20037/1242	12/22/76	20	9753	2855N 08332E	27.7	143.5		GGGG	
2700-04044	00000/0000	2-20037/1243	12/22/76	10	9753	2728N 08308E	28.7	142.8		FGGG	
2700-04050	00000/0000	2-20037/1244	12/22/76	10	9753	2602N 08245E	29.7	142.1		GGGG	
2700-04053	00000/0000	2-20037/1245	12/22/76	10	9753	2435N 08222E	30.7	141.3		GGGG	
2700-04055	00000/0000	2-20037/1246	12/22/76	0	9753	2309N 08159E	31.7	140.6		GGGG	
2700-04062	00000/0000	2-20037/1247	12/22/76	20	9753	2143N 08137E	32.6	139.8		GGGG	
2700-04064	00000/0000	2-20037/1248	12/22/76	40	9753	2016N 08115E	33.5	138.9		GGGG	
2700-04071	00000/0000	2-20037/1249	12/22/76	50	9753	1849N 08053E	34.5	138.1		GGGG	
2700-04073	00000/0000	2-20037/1250	12/22/76	70	9753	1723N 08032E	35.4	137.2		GGGG	
2700-04080	00000/0000	2-20037/1251	12/22/76	80	9753	1557N 08012E	36.3	136.3		GGGG	
2700-04082	00000/0000	2-20037/1252	12/22/76	40	9753	1430N 07951E	37.1	135.3		GGGG	
2700-04085	00000/0000	2-20037/1253	12/22/76	50	9753	1303N 07930E	38.0	134.4		GGGG	
2700-05402	00000/0000	2-20037/1254	12/22/76	0	9754	5306N 06637E	9.7	154.2		PPPP	
2700-05405	00000/0000	2-20037/1255	12/22/76	0	9754	5142N 06555E	10.8	153.6		PPPP	
2700-05411	00000/0000	2-20037/1256	12/22/76	10	9754	5017N 06514E	11.9	152.9		GGGG	
2700-05414	00000/0000	2-20037/1257	12/22/76	10	9754	4853N 06435E	13.0	152.3		GGGG	
2700-05420	00000/0000	2-20037/1258	12/22/76	10	9754	4728N 06359E	14.1	151.7		GGGG	
2700-05423	00000/0000	2-20037/1259	12/22/76	0	9754	4603N 06323E	15.1	151.1		GFGG	
2700-05425	00000/0000	2-20037/1260	12/22/76	0	9754	4438N 06250E	16.2	150.5		GGGG	
2700-05432	00000/0000	2-20037/1261	12/22/76	0	9754	4312N 06217E	17.3	149.9		GGGG	
2700-05434	00000/0000	2-20037/1262	12/22/76	10	9754	4147N 06146E	18.4	149.3		GGFG	
2700-05441	00000/0000	2-20037/1263	12/22/76	80	9754	4021N 06116E	19.4	148.7		GGGG	
2700-05443	00000/0000	2-20037/1264	12/22/76	90	9754	3855N 06047E	20.5	148.1		GGGG	
2700-05450	00000/0000	2-20037/1265	12/22/76	70	9754	3730N 06019E	21.6	147.5		GGGG	
2700-05452	00000/0000	2-20037/1266	12/22/76	60	9754	3604N 05951E	22.6	146.8		GGGG	
2700-05455	00000/0000	2-20037/1267	12/22/76	30	9754	3438N 05924E	23.7	146.2		FGGG	
2700-05461	00000/0000	2-20037/1268	12/22/76	20	9754	3312N 05859E	24.7	145.5		GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 12/01/76 TO 12/31/76

PAGE 0109

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN RSLI MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2700-05464	00000/0000	2-20037/1269	12/22/76	20	9754	3147N 05833E	25.7	144.9	GGFG		
2700-05470	00000/0000	2-20037/1270	12/22/76	20	9754	3021N 05808E	26.7	144.2	GGGG		
2700-05473	00000/0000	2-20037/1271	12/22/76	30	9754	2855N 05744E	27.7	143.5	GGGG		
2700-05475	00000/0000	2-20037/1272	12/22/76	70	9754	2728N 05720E	28.7	142.8	GGGG		
2700-14180	00000/0000	2-20037/0699	12/22/76	70	9759	4855N 06428W	12.9	152.3	GGGG		
2700-14200	00000/0000	2-20037/0700	12/22/76	90	9759	4149N 06718W	18.4	149.2	GGGG		
2700-14203	00000/0000	2-20037/0701	12/22/76	90	9759	4023N 06749W	19.4	148.6	GGGG		
2700-14205	00000/0000	2-20037/0702	12/22/76	90	9759	3857N 06818W	20.5	148.0	GGGG		
2700-16005	00000/0000	2-20037/0703	12/22/76	90	9760	5019N 08942W	11.9	152.9	GGGG		
2700-17440	00000/0000	2-20037/1299	12/22/76	50	9761	5018N 11530W	11.9	152.9	GGGG		
2701-04152	00000/0000	2-20037/1340	12/23/76	60	9767	1009N 07724E	39.5	132.2	GGGG		
2701-07310	00000/0000	2-20037/1341	12/23/76	50	9769	4728N 03642E	14.0	151.5	GGFG		
2701-07312	00000/0000	2-20037/1342	12/23/76	80	9769	4603N 03607E	15.1	150.9	GGFG		
2701-07315	00000/0000	2-20037/1343	12/23/76	80	9769	4438N 03533E	16.2	150.3	GGGG		
2701-13050	00000/0000	2-20037/1344	12/23/76	10	9772	3558S 06314W	47.9	85.9	GGGG		
2701-16063	00000/0000	2-20037/1273	12/23/76	10	9774	5020N 09107W	11.8	152.7	GGFG		
2701-16140	00000/0000	2-20037/1274	12/23/76	90	9774	2436N 09946W	30.6	141.1	GGGG		
2701-17492	00000/0000	2-20037/1275	12/23/76	70	9775	5143N 11615W	10.7	153.4	GGGG		
2701-17544	00000/0000	2-20037/1276	12/23/76	30	9775	3312N 12312W	24.6	145.4	GGGG		
2701-23241	00000/0000	2-20037/1289	12/23/76	0	9778	3433S 14216E	48.2	87.3	GGGG		
2701-23243	00000/0000	2-20037/1290	12/23/76	10	9778	3559S 14150E	47.9	85.9	GGGG		
2701-23250	00000/0000	2-20037/1291	12/23/76	20	9778	3724S 14122E	47.5	84.6	GGGG		
2702-01061	00000/0000	2-20037/1292	12/24/76	0	9779	3015S 11744E	49.1	91.7	GGGG		
2702-01063	00000/0000	2-20037/1293	12/24/76	0	9779	3141S 11719E	48.8	90.2	GGGG		
2702-02304	00000/0000	2-20037/1294	12/24/76	70	9780	3438N 10809E	23.6	146.0	GGGG		
2702-02310	00000/0000	2-20037/1295	12/24/76	80	9780	3312N 10743E	24.6	145.3	GGGG		
2702-02313	00000/0000	2-20037/1296	12/24/76	60	9780	3147N 10717E	25.6	144.7	GGGG		
2702-02315	00000/0000	2-20037/1297	12/24/76	70	9780	3021N 10652E	26.6	144.0	GGGG		
2702-02322	00000/0000	2-20037/1298	12/24/76	90	9780	2854N 10628E	27.6	143.3	GGGG		
2702-02324	00000/0000	2-20037/1277	12/24/76	90	9780	2728N 10604E	28.6	142.6	GGGG		
2702-02331	00000/0000	2-20037/1278	12/24/76	90	9780	2601N 10541E	29.6	141.8	GGGG		
2702-04253	00000/0000	2-20037/1279	12/24/76	10	9781	0545S 07214E	46.6	118.4	GGGG		
2702-04260	00000/0000	2-20037/1280	12/24/76	10	9781	0712S 07155E	47.1	116.9	GGGG		
2702-07355	00000/0000	2-20037/1281	12/24/76	80	9783	5017N 03632E	11.8	152.7	GGGG		
2702-07362	00000/0000	2-20037/1282	12/24/76	90	9783	4853N 03554E	12.9	152.0	GGGG		
2702-07364	00000/0000	2-20037/1283	12/24/76	90	9783	4728N 03517E	14.0	151.4	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0110

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2702-07371	00000/0000	2-20037/1284	12/24/76	90	9783	4603N	03442E	15.1 150.8	FGGF	
2702-07373	00000/0000	2-20037/1285	12/24/76	80	9783	4438N	03408E	16.2 150.2	GGGG	
2702-13104	00000/0000	2-20037/1286	12/24/76	50	9786	3559S	06441W	47.8 86.0	GGGG	
2702-14285	00000/0000	2-20037/1300	12/24/76	80	9787	5020N	06645W	11.8 152.6	GGGG	
2702-14292	00000/0000	2-20037/1301	12/24/76	50	9787	4855N	06723W	12.9 152.0	GGGF	
2702-14333	00000/0000	2-20037/1302	12/24/76	80	9787	3440N	07234W	23.5 145.9	GGGG	
2702-14335	00000/0000	2-20037/1303	12/24/76	60	9787	3313N	07300W	24.6 145.3	GGGG	
2702-14342	00000/0000	2-20037/1304	12/24/76	60	9787	3147N	07326W	25.6 144.6	GGGG	
2702-16121	00000/0000	2-20037/1305	12/24/76	60	9788	5019N	09233W	11.8 152.6	FGGG	
2702-17553	00000/0000	2-20037/1306	12/24/76	80	9789	5019N	11821W	11.8 152.6	FGGG	
2702-23295	00000/0000	2-20037/1287	12/24/76	0	9792	3434S	14051E	48.1 87.4	GGGG	
2702-23301	00000/0000	2-20037/1288	12/24/76	10	9792	3558S	14025E	47.8 86.0	GGGG	
2703-02362	00000/0000	2-20037/1307	12/25/76	90	9794	3438N	10643E	23.5 145.8	P	
2703-02365	00000/0000	2-20037/1308	12/25/76	100	9794	3312N	10617E	24.5 145.2	GGGG	
2703-02371	00000/0000	2-20037/1309	12/25/76	100	9794	3146N	10552E	25.6 144.5	GGGG	
2703-02374	00000/0000	2-20037/1310	12/25/76	100	9794	3020N	10527E	26.6 143.8	GGGG	
2703-02380	00000/0000	2-20037/1311	12/25/76	100	9794	2854N	10503E	27.6 143.2	GGGG	
2703-02383	00000/0000	2-20037/1312	12/25/76	100	9794	2728N	10439E	28.6 142.4	GGGG	
2703-02385	00000/0000	2-20037/1313	12/25/76	80	9794	2601N	10415E	29.5 141.7	GGGG	
2703-02392	00000/0000	2-20037/1314	12/25/76	30	9794	2436N	10353E	30.5 141.0	GGGG	
2703-02394	00000/0000	2-20037/1315	12/25/76	10	9794	2310N	10330E	31.5 140.2	GGGG	
2703-04305	00000/0000	2-20037/1316	12/25/76	60	9795	0418S	07109E	46.0 119.7	GGGG	H
2703-04312	00000/0000	2-20037/1317	12/25/76	30	9795	0545S	07050E	46.5 118.3	GGGG	H
2703-04314	00000/0000	2-20037/1318	12/25/76	40	9795	0712S	07030E	47.0 116.3	GGGG	H
2703-06041	00000/0000	2-20037/1319	12/25/76	0	9796	3020N	05348E	26.6 143.8	FGGG	
2703-06043	00000/0000	2-20037/1320	12/25/76	0	9796	2854N	05324E	27.6 143.1	GGGG	
2703-06050	00000/0000	2-20037/1321	12/25/76	0	9796	2727N	05300E	28.6 142.4	GGGG	
2703-07420	00000/0000	2-20037/1322	12/25/76	90	9797	4852N	03427E	12.9 151.9	GGGG	
2703-07422	00000/0000	2-20037/1323	12/25/76	90	9797	4728N	03350E	14.0 151.3	GGGG	
2703-07425	00000/0000	2-20037/1324	12/25/76	90	9797	4602N	03316E	15.1 150.7	GGGG	
2703-07431	00000/0000	2-20037/1325	12/25/76	90	9797	4436N	03242E	16.1 150.1	GGG	
2703-14344	00000/0000	2-20037/1329	12/25/76	10	9801	5020N	06807W	11.8 152.5	GGGG	
2703-14350	00000/0000	2-20037/1330	12/25/76	40	9801	4855N	06845W	12.9 151.5	GGGG	
2703-14403	00000/0000	2-20037/1331	12/25/76	40	9801	3020N	07517W	26.5 143.8	GGGG	
2703-14405	00000/0000	2-20037/1335	12/25/76	40	9801	2854N	07541W	27.5 143.1	GG	
2703-14412	00000/0000	2-20037/1332	12/25/76	60	9801	2728N	07604W	28.5 142.4	GGGG	H

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0111

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2703-14414	00000/0000 2-20037/1333	12/25/76	30	9801	2602N	07628W	29.5	141.6	GGGG			H
2703-14421	00000/0000 2-20037/1334	12/25/76	80	9801	2436N	07650W	30.5	140.9	GFGG			H
2703-16173	00000/0000 2-20037/1326	12/25/76	50	9802	5143N	09321W	10.7	153.1	GGGF			
2703-16175	00000/0000 2-20037/1327	12/25/76	60	9802	5018N	09401W	11.8	152.5	FFGG			
2703-18011	00000/0000 2-20037/1328	12/25/76	90	9803	5019N	11948W	11.8	152.5	GFGG			
2704-14402	00000/0000 2-20037/1336	12/26/76	70	9815	5019N	06937W	11.8	152.4	PPGF			
2704-14404	00000/0000 2-20037/1337	12/26/76	90	9815	4854N	07015W	12.9	151.7	PPGG			
2704-14472	00000/0000 2-20037/1338	12/26/76	80	9815	2601N	07753W	29.5	141.5	GGGF			
2704-14475	00000/0000 2-20037/1339	12/26/76	60	9815	2435N	07817W	30.4	140.7	GGGG			

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LANDSAT 2 COORDINATE LISTING

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LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0114

PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
17521E 3850S	2695-21080	90	GGGG	14540E 3725S	2680-23084	90	GGGG	13700E 3308S	2687-23471	40	GGGG
17312E 7630S	2653-19034	50	GGG	14538E 3306S	2681-23130	10	FGGG	13658E 3303S	2669-23480	10	GGGF
17309E 7517S	2638-19210	10	GGG	14535E 3301S	2663-23135	10	GGGG	13633E 3422S	2651-23491	90	GGGG
17224E 4305S	2696-21145	100	GGGG	14512E 3431S	2681-23133	60	FGFG	13633E 3434S	2687-23474	10	GGGG
17152E 4430S	2696-21152	100	GGGG	14509E 3426S	2663-23141	20	GGGG	13632E 3429S	2669-23482	20	FGGF
17149E 7517S	2639-19264	10	GGG	14444E 3556S	2681-23135	70	FGGG	13533E 3306S	2688-23530	10	GGGG
17148E 7631S	2654-19092	20	GG	14443E 3551S	2663-23144	60	GGGG	13532E 3304S	2670-23534	80	GGGG
17118E 4555S	2696-21154	100	GGGG	14416E 3717S	2663-23150	90	GGGG	13507E 3432S	2688-23532	40	FGGG
17028E 7627S	2655-19150	20	GGG	14416E 3722S	2681-23142	70	GGGG	13506E 3429S	2670-23541	70	FGGG
17016E 7515S	2640-19322	0	FGG	14343E 3428S	2664-23200	50	GGGG	13432E 3142S	2689-23581	30	FFFF
16920E 7623S	2638-19213	10	GGG	14343E 3422S	2682-23191	0	GGGG	13431E 3136S	2653-23594	0	GGGG
16840E 7733S	2653-19041	50	GGG	14317E 3553S	2664-23202	50	GGGG	13431E 3137S	2671-23590	30	GGGG
16802E 7623S	2639-19271	10	GGG	14316E 3557S	2682-23194	50	GGGG	13407E 3308S	2689-23584	40	FGGG
16713E 7734S	2654-19095	20	GGG	14249E 3719S	2664-23205	70	GGGG	13406E 3303S	2671-23592	40	GGGG
16625E 7622S	2640-19325	0	GGG	14249E 3723S	2682-23200	60	GGGG	13141E 3142S	2692-00094	80	GGGG
16608E 7728S	2637-19161	10	GG	14218E 3433S	2683-23245	80	GGGF	13140E 3141S	2674-00102	90	GGGG
16553E 7730S	2655-19153	20	G	14217E 3427S	2665-23254	0	GGGG	13139E 3132S	2656-00110	70	GGGG
16453E 7726S	2638-19215	0	GGG	14216E 3433S	2701-23241	0	GGGG	12324E 3726N	2692-01325	30	GGFF
16337E 7725S	2639-19273	0	GGG	14151E 3553S	2665-23260	30	GGGG	12321E 3721N	2656-01342	10	GGGF
16320E 7831S	2653-19043	70	GGG	14151E 3558S	2683-23252	80	GGGG	12320E 3722N	2674-01334	50	GGGG
15131E 2720S	2660-22550	40	FGGG	14150E 3559S	2701-23243	10	GGGG	12239E 3301S	2662-00454	60	GGGG
15108E 2845S	2660-22553	30	GGGG	14123E 3719S	2665-23263	70	GGGG	12236E 3307S	2680-00450	10	GGGG
15052E 2426S	2661-22595	50	GGGG	14123E 3724S	2683-23254	80	GGGG	12159E 3728N	2693-01383	70	GGGG
15043E 3010S	2660-22555	20	FGGG	14122E 3724S	2701-23250	20	GGGG	12157E 3721N	2657-01400	80	GGGG
15029E 2552S	2661-23002	30	GGGG	14051E 3432S	2684-23303	10	GGGG	12153E 3723N	2675-01392	50	GGGG
15021E 3142S	2696-22545	0	GGGG	14051E 3434S	2702-23295	0	GGGG	12138E 3136S	2663-00510	0	GGGG
15019E 3135S	2660-22562	60	GGGG	14050E 3428S	2666-23312	20	FGGG	12138E 3138S	2681-00501	10	GGGG
15019E 3139S	2678-22553	0	GGGG	14025E 3558S	2702-23301	10	GGGG	12136E 3138N	2656-01360	20	FGGG
15005E 2716S	2661-23004	10	FGGG	14024E 3557S	2684-23310	30	GGGG	12134E 3139N	2674-01352	10	FGGG
14941E 2842S	2661-23011	0	FGGG	14023E 3554S	2666-23314	20	GGGG	12131E 3603N	2693-01390	10	FFFF
14903E 2552S	2662-23060	90	GGGG	13925E 3432S	2685-23362	10	FGGF	12130E 3555N	2657-01403	40	FGGG
14840E 2718S	2662-23063	90	GGFG	13923E 3430S	2667-23370	80	GGGG	12125E 3558N	2675-01394	30	GGGG
14816E 2844S	2662-23065	70	FFFG	13825E 3308S	2686-23413	30	GGGG	12113E 3018N	2692-01350	10	FFGG
14608E 3552S	2662-23090	70	GGGG	13824E 3302S	2668-23422	50	GGGG	12113E 3301S	2663-00512	50	GGGG
14608E 3559S	2680-23081	40	GGGG	13759E 3434S	2686-23420	40	GGGG	12113E 3304S	2681-00504	70	GGGG
14541E 3717S	2662-23092	90	GGGG	13758E 3428S	2668-23424	80	GGGG	12111E 3012N	2656-01363	40	FGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20158 JAN 13, 177

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0115

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS
LONG LAT			12345678	LONG LAT			12345678	LONG LAT			12345678
12109E 3013N	2674-01354	0	GGFG	11923E 2847N	2657-01423	10	GGGG	11810E 2432N	2675-01430	20	GGGG
12104E 3437N	2693-01392	10	FGGF	11922E 2853N	2693-01410	50	GGGG	11809E 4302N	2661-02011	40	GGGG
12103E 3430N	2657-01405	50	FGGG	11919E 3428S	2664-00573	20	GGGG	11809E 3856N	2696-01551	10	GGGG
12059E 3433N	2675-01401	40	GGGG	11918E 3432S	2682-00564	70	FGGF	11809E 3436N	2677-01513	0	GGG
12048E 2852N	2692-01352	0	GGGG	11911E 3309N	2694-01453	0	FGFG	11807E 3429N	2659-01522	60	GGGG
12047E 2847N	2656-01365	30	GGGG	11910E 3308N	2676-01462	10	GGGG	11806E 3851N	2678-01560	40	FFFF
12045E 2847N	2674-01361	0	GGGG	11910E 3012S	2665-01020	30	GGGG	11804E 3847N	2660-01564	100	FGGG
12038E 3311N	2693-01395	10	FFFF	11908E 3015S	2683-01011	0	GGGG	11756E 2852N	2675-01464	10	FGGG
12037E 3304N	2657-01412	30	FGGG	11907E 3303N	2658-01470	100	GGGG	11755E 2848N	2676-01473	10	GGGG
12033E 3308N	2675-01403	20	FGGG	11906E 3727N	2695-01500	0	GG G	11753E 3428S	2665-01031	60	GGGG
12032E 3727N	2694-01441	60	GGG	11904E 3727N	2677-01504	10	FGGG	11752E 3432S	2683-01023	80	GGGG
12030E 3724N	2676-01450	10	GGGG	11903E 4137N	2660-01555	100	GGGG	11744E 3310N	2695-01511	10	GGGG
12027E 3720N	2658-01454	90	GGGG	11901E 3720N	2659-01513	60	GGGG	11744E 3015S	2702-01061	0	FGGG
12024E 2726N	2692-01355	10	FFFF	11859E 2727N	2693-01413	100	GGGG	11743E 3309N	2677-01520	20	GGGG
12024E 2721N	2656-01372	60	GGGG	11859E 2721N	2657-01430	10	GGGG	11742E 3012S	2666-01074	10	GGGG
12022E 2722N	2674-01363	10	GGGG	11856E 2723N	2675-01421	60	GGGF	11742E 3016S	2684-01065	0	GGGG
12012E 3146N	2693-01401	0	FPGG	11845E 3137S	2665-01022	30	GGGG	11741E 3730N	2696-01554	30	GGGG
12012E 3138N	2657-01414	10	FGGG	11844E 3141N	2676-01464	40	GGGG	11740E 3304N	2659-01524	90	GGGG
12010E 3137S	2664-00564	30	GGGG	11844E 3141S	2683-01014	10	FGGG	11738E 4137N	2661-02013	10	GGGG
12009E 3140S	2682-00555	20	FGGG	11841E 3137N	2658-01472	100	GGGG	11738E 3725N	2678-01562	50	FGGG
12008E 3142N	2675-01410	0	GGGG	11838E 4021N	2696-01545	0	GGGG	11736E 3721N	2660-01571	100	GGGG
12004E 3601N	2694-01444	30	GGGG	11838E 3601N	2695-01502	0	GGPG	11732E 2725N	2694-01471	30	GGGG
12002E 3559N	2676-01453	0	GGGG	11836E 3602N	2677-01511	0	FGGG	11731E 2722N	2676-01480	0	GGGG
11959E 3554N	2658-01461	90	GGGG	11836E 2555N	2657-01432	50	GGGG	11729E 2720N	2658-01484	20	GGGG
11947E 3019N	2693-01404	0	FGGG	11835E 4016N	2678-01553	40	FGGF	11719E 3144N	2695-01514	10	GGGG
11947E 3012N	2657-01421	30	GGGG	11835E 2601N	2693-01415	100	GGGG	11719E 3141S	2702-01063	0	GGGG
11945E 3302S	2664-00570	0	GGGG	11833E 4012N	2660-01562	100	GGGG	11718E 3143N	2677-01522	60	GGFG
11944E 3306S	2682-00562	40	FFGG	11833E 3554N	2659-01515	50	GGGG	11718E 3141S	2684-01072	0	GGGG
11943E 3016N	2675-01412	0	GGGG	11833E 2557N	2675-01424	60	GGGG	11717E 3138S	2666-01080	10	GGGG
11937E 3436N	2694-01450	10	FGFG	11820E 3017N	2694-01462	20	GGGG	11715E 3138N	2659-01531	90	GGGG
11935E 3433N	2676-01455	0	GGGG	11819E 3015N	2676-01471	20	GGGG	11713E 3604N	2696-01560	90	G GG
11934E 4302N	2660-01553	50	GGGG	11819E 3302S	2665-01025	40	GGGG	11712E 4020N	2697-02003	10	PPGG
11934E 3852N	2695-01493	0	GGGG	11818E 3306S	2683-01020	20	GGGG	11711E 3600N	2678-01565	80	FGGF
11933E 3429N	2658-01463	100	FGGG	11813E 2429N	2657-01435	50	GGGG	11708E 4012N	2661-02020	10	GGGG
11932E 3852N	2677-01502	30	FGFG	11812E 2434N	2693-01422	100	G GG	11708E 3556N	2660-01573	100	GGGF
11929E 3845N	2659-01510	50	GGGG	11811E 3435N	2695-01505	0	G G	11708E 2558N	2694-01473	60	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20:58 JAN 13, '77

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0116

PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBY MSS 12345678	PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBY MSS 12345678	PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBY MSS 12345678
11708E 2557N	2676-01482	10	GGGG	11610E 3722N	2661-02025	10	GGGG	11454E 3311N	2697-02023	90	GGGG
11707E 4015N	2679-02012	10	GGGG	11606E 2725N	2677-01534	60	GGGG	11454E 2303N	2659-01554	60	GGGG
11706E 2554N	2658-01490	30	GGGG	11606E 2725N	2695-01525	40	GGGG	11451E 3308N	2679-02032	10	GGGG
11654E 3018N	2695-01520	10	GGGG	11603E 2720N	2659-01542	100	GGGG	11451E 3015S	2668-01190	10	GGGG
11653E 3017N	2677-01525	80	GGGG	11554E 3146N	2696-01572	90	GGGG	11450E 3306N	2661-02040	80	GGGG
11652E 3303S	2666-01083	50	GGGG	11553E 3140S	2685-01130	30	GGGG	11450E 3015S	2686-01182	30	GGGG
11652E 3307S	2684-01074	10	GGGG	11552E 3142N	2678-01580	90	GGGG	11447E 4143N	2681-02121	60	GGGG
11651E 3012N	2659-01533	80	GGGG	11552E 3139S	2667-01135	0	GGGG	11445E 4135N	2663-02130	30	GGGG
11646E 2433N	2694-01480	80	GGGG	11551E 3140N	2660-01585	100	GGGG	11445E 3724N	2680-02075	10	FGFG
11646E 2431N	2676-01485	10	GGGG	11546E 3602N	2697-02014	70	GGGG	11443E 3721N	2662-02083	0	GGGG
11645E 3438N	2696-01563	90	GG G	11544E 4019N	2698-02061	10	GGGG	11441E 2727N	2696-01583	90	GGGG
11644E 3434N	2678-01571	80	FGGG	11543E 3559N	2679-02023	0	GGGG	11439E 2725N	2678-01592	90	GGGG
11643E 4302N	2662-02065	10	GGGG	11543E 2559N	2677-01540	90	GGGG	11437E 2724N	2660-02000	100	GGGG
11643E 3855N	2697-02005	10	GGGG	11542E 4015N	2680-02070	10	GGGG	11429E 3145N	2697-02030	100	GGGG
11643E 2429N	2658-01493	10	GGGG	11542E 2559N	2695-01532	50	GGPG	11425E 3142N	2679-02035	0	GGGG
11642E 2848S	2685-01121	0	GGGG	11541E 4012N	2662-02074	30	GGGG	11424E 3140N	2661-02043	90	GGGG
11641E 3431N	2660-01580	100	GGGF	11539E 2554N	2659-01545	100	GGGG	11418E 2601N	2696-01590	90	GGGG
11641E 2848S	2667-01130	0	GGGG	11529E 3019N	2696-01574	90	GGGG	11417E 3558N	2680-02081	0	FGGG
11638E 3850N	2679-02014	0	GGGG	11527E 3017N	2678-01583	80	FGGG	11416E 4019N	2681-02124	20	GGGG
11638E 3847N	2661-02022	10	GGGG	11526E 3015N	2660-01591	100	GGGG	11415E 4011N	2663-02132	90	GGGG
11630E 2851N	2695-01523	50	GGG	11520E 3437N	2697-02021	80	GGGG	11415E 3556N	2662-02090	0	GGGG
11629E 2851N	2677-01531	90	FFFF	11520E 2433N	2677-01543	60	FGGG	11414E 2558N	2660-02003	90	FGGG
11627E 2846N	2659-01540	90	GGGG	11519E 2434N	2695-01534	70	GGGG	11414E 2720S	2669-01235	20	GGGG
11624E 2305N	2676-01491	10	GGGG	11517E 3433N	2679-02030	0	GGGG	11413E 2724S	2687-01231	20	GGGG
11623E 2308N	2694-01482	30	FFFF	11516E 3432N	2661-02034	70	GGGG	11404E 3020N	2697-02032	100	GGG
11620E 2303N	2658-01495	10	GGGG	11516E 2428N	2659-01551	100	GGGG	11401E 3015N	2679-02041	30	GGGG
11619E 3312N	2696-01565	90	GGGG	11516E 2848S	2668-01184	10	FGGG	11400E 3015N	2661-02045	90	FFGG
11618E 3308N	2678-01574	90	FGGG	11515E 2849S	2686-01175	30	GGGG	11355E 2435N	2696-01592	90	GGGG
11618E 3014S	2685-01123	10	GGGG	11514E 3853N	2698-02064	0	GGGG	11353E 2433N	2678-02001	70	GGGG
11616E 3306N	2660-01582	100	GGGG	11513E 3849N	2680-02072	10	GGGG	11351E 3432N	2680-02084	0	FGGG
11616E 3013S	2667-01132	0	GGGG	11511E 3847N	2662-02081	10	GGGG	11351E 2431N	2660-02005	80	FGGG
11614E 4144N	2698-02055	0	GGGG	11505E 2853N	2696-01581	100	GGGG	11350E 2846S	2669-01242	30	GGGG
11614E 3729N	2697-02012	80	GGGG	11503E 2852N	2678-01585	90	FGGG	11350E 2850S	2687-01233	30	GGFG
11612E 4140N	2680-02063	0	GGGG	11501E 2849N	2660-01594	90	GGGG	11348E 3430N	2662-02092	0	GGGG
11611E 4137N	2662-02072	0	GGGG	11457E 2307N	2677-01545	30	GGGG	11347E 3853N	2681-02130	50	GGGG
11610E 3725N	2679-02021	0	FGGG	11457E 2307N	2695-01541	40	GGGG	11345E 3846N	2663-02135	80	GGGG

KEYS: CLOUD COVER x 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20158 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR N9N-US
FROM 12/01/76 TO 12/31/76

PAGE 0117

PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS
11340E	2854N	2697-02035	100	GGGG	11212E	2853N	2698-02093	10	GGGG	11040E	2307N	2698-02111	70	GGGG
11337E	2849N	2679-02044	90	GGGG	11210E	2850N	2680-02102	10	FGGG	11038E	2305N	2680-02120	30	GGGG
11336E	2849N	2661-02052	100	GGGG	11209E	2847N	2662-02110	40	GGGG	11038E	2303N	2662-02124	90	GGGG
11333E	2309N	2696-01595	50	GGGG	11207E	2308N	2697-02053	90	GGGG	11033E	3309N	2682-02203	90	GGGG
11331E	2306N	2678-02003	10	FGGG	11204E	2305N	2679-02062	90	GGGG	11032E	3304N	2664-02211	100	GGGF
11329E	2305N	2660-02012	30	GGGG	11204E	2304N	2661-02070	60	GGGG	11028E	3726N	2683-02245	100	GGGG
11326E	3312N	2698-02082	0	GGGG	11159E	3310N	2681-02144	90	GGGF	11026E	3721N	2665-02254	0	GGGG
11325E	3307N	2680-02090	0	FGGG	11159E	3305N	2663-02153	100	GGGG	11022E	2725N	2681-02162	90	GGGG
11322E	3305N	2662-02095	10	FGGG	11153E	3727N	2682-02191	80	GFFG	11021E	2723N	2663-02171	100	GGGG
11321E	4143N	2682-02180	50	GGGG	11152E	3721N	2664-02200	80	GGGG	11017E	2140N	2698-02114	60	GGGG
11320E	4137N	2664-02184	50	GGGF	11148E	2726N	2698-02100	80	GGGG	11016E	2138N	2680-02122	10	GGGG
11318E	3727N	2681-02133	90	GGGG	11146E	2724N	2680-02104	40	GFGG	11015E	2137N	2662-02131	90	GGGG
11317E	3721N	2663-02141	70	GGGG	11146E	2722N	2662-02113	30	GGGG	11000E	3601N	2683-02252	100	GGGF
11316E	2727N	2697-02041	100	GGGG	11145E	2142N	2697-02055	50	GGGG	10959E	3556N	2665-02260	0	GGGG
11313E	2723N	2661-02054	100	GGGG	11142E	2139N	2679-02064	40	GGGG	10958E	2600N	2681-02165	100	GGGG
11313E	2723N	2679-02050	90	GGGG	11142E	2138N	2661-02072	30	GGGG	10957E	2556N	2663-02173	100	GGGG
11301E	3146N	2698-02084	20	GGGG	11134E	3144N	2681-02151	60	GGGG	10955E	2014N	2698-02120	80	GGGG
11300E	3141N	2680-02093	10	FFGG	11133E	3140N	2663-02155	100	GGG	10954E	2012N	2680-02125	60	GGGG
11257E	3139N	2662-02101	10	FGGG	11125E	4017N	2683-02240	80	GFGG	10954E	2011N	2662-02133	90	GGGG
11253E	2601N	2697-02044	90	GGGG	11125E	3601N	2682-02194	90	GGFG	10935E	2434N	2681-02171	100	GGGG
11251E	4017N	2682-02182	10	GGGG	11125E	3555N	2664-02202	80	GGGG	10934E	2430N	2663-02180	100	GGGG
11251E	3602N	2681-02135	60	GGGG	11125E	2600N	2698-02102	100	GGGG	10933E	3436N	2683-02254	100	GGGG
11250E	3556N	2663-02144	90	GGGG	11123E	4012N	2665-02245	10	GGGG	10932E	3430N	2665-02263	10	GGGG
11250E	2557N	2679-02053	100	GGGG	11123E	2558N	2680-02111	70	GGGG	10912E	2308N	2681-02174	90	GGGG
11249E	4012N	2664-02191	70	GGGG	11123E	2556N	2662-02115	30	GGGG	10912E	2303N	2663-02182	100	GGGG
11249E	2558N	2661-02061	100	GGGF	11109E	3017N	2681-02153	90	GGGG	10907E	3310N	2683-02261	90	GGGG
11236E	3019N	2698-02091	20	GGGG	11109E	3014N	2663-02162	100	GGGG	10907E	3304N	2665-02265	50	GGGG
11235E	3015N	2680-02095	10	FFGG	11103E	2433N	2698-02105	90	GGGG	10856E	2725N	2682-02221	100	GFGG
11233E	3013N	2662-02104	20	GGGG	11101E	2430N	2662-02122	90	GGGG	10855E	2722N	2664-02225	100	GGGF
11230E	2435N	2697-02050	90	GGGG	11100E	2431N	2680-02113	30	GGGG	10850E	2141N	2681-02180	60	GGGG
11227E	2431N	2661-02063	100	GGGG	11059E	3435N	2682-02200	90	GFFG	10849E	2137N	2663-02185	90	GGGG
11227E	2430N	2679-02055	100	GGGG	11058E	3430N	2664-02205	100	GGGF	10842E	3138N	2665-02272	60	GGGG
11224E	3436N	2681-02142	80	GGGG	11056E	3852N	2683-02243	90	GGGG	10841E	3143N	2683-02263	100	GGGG
11224E	3430N	2663-02150	100	GGGG	11054E	3846N	2665-02251	0	GGGG	10832E	2559N	2682-02223	100	GGGF
11221E	3852N	2682-02185	30	GFGG	11046E	2851N	2681-02160	90	GGGG	10831E	2555N	2664-02232	100	GGGG
11220E	3847N	2664-02193	90	GGGG	11045E	2848N	2663-02164	100	GGGG	10817E	3017N	2683-02270	100	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20158 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0118

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
10816E 3013N	2665-02274	90	GGGG	10604E 2728N	2684-02333	100	GGGG	10336E 2850N	2668-02451	60	GGGG
10809E 3438N	2702-02304	70	GGGG	10604E 2728N	2702-02324	90	FGGG	10335E 2851N	2686-02443	90	GGGG
10809E 2433N	2682-02230	90	GGGG	10603E 2721N	2666-02341	90	GGGG	10330E 2310N	2703-02394	10	GGGG
10808E 3438N	2684-02312	100	GGGF	10552E 3146N	2703-02371	100	GGGG	10329E 2307N	2685-02403	80	GGFG
10807E 2428N	2664-02234	100	GGGG	10550E 3145N	2685-02380	90	GGGG	10327E 2303N	2667-02411	80	GGGG
10805E 3430N	2666-02321	0	GGGG	10548E 3139N	2667-02384	100	GGGG	10317E 3728N	2688-02532	20	GGG
10753E 2851N	2683-02272	100	GGFG	10543E 3600N	2686-02422	0	GGGG	10316E 3721N	2652-02545	10	GGGG
10751E 2847N	2665-02281	100	GGGG	10541E 2601N	2684-02335	90	GGGG	10315E 3721N	2670-02541	0	FGGG
10747E 2306N	2682-02232	90	GGFG	10541E 2601N	2702-02331	90	FGGG	10312E 2724N	2668-02454	90	GGGG
10744E 2302N	2664-02241	100	FGFG	10540E 3559N	2668-02431	0	GGGG	10311E 2725N	2686-02445	100	GGGG
10743E 3312N	2702-02310	80	GGGG	10540E 2555N	2666-02344	90	GGGG	10258E 3143N	2687-02492	0	GGGG
10742E 3312N	2684-02315	100	GGGG	10527E 3020N	2703-02374	100	GGGG	10257E 3142N	2669-02500	30	GGGG
10740E 3305N	2666-02323	10	GGGG	10525E 3019N	2685-02382	100	GGGG	10250E 3603N	2688-02535	40	GGG
10729E 2726N	2683-02275	100	GGGG	10524E 3013N	2667-02391	100	GGGG	10249E 3555N	2652-02551	0	GGGG
10727E 2721N	2665-02283	100	GGGG	10516E 3434N	2686-02425	0	GGGG	10248E 3557N	2670-02543	0	GGGG
10717E 3147N	2702-02313	60	FGGG	10514E 3434N	2664-02433	0	GGFG	10248E 2558N	2668-02460	100	FGGG
10717E 3146N	2684-02321	100	GGGG	10503E 2854N	2703-02380	100	GGGG	10247E 2559N	2686-02452	100	GGGG
10714E 3139N	2666-02330	50	GGGG	10501E 2853N	2685-02385	100	GGGG	10225E 2432N	2668-02463	100	G
10706E 2559N	2683-02281	100	GGGG	10459E 2847N	2667-02393	100	GGGG	10224E 2434N	2686-02454	90	GGGG
10704E 2555N	2665-02290	90	GGGG	10450E 3308N	2686-02431	20	GGGG	10221E 3852N	2689-02584	10	FGFG
10652E 3021N	2702-02315	70	FGGG	10448E 3308N	2668-02440	10	FGGG	10217E 3846N	2671-02592	0	GGGG
10652E 3020N	2684-02324	100	GGGG	10443E 3726N	2687-02474	0	FFGG	10156E 3307N	2670-02552	70	FFFF
10650E 3013N	2666-02332	20	GGGG	10442E 3722N	2669-02482	0	GGGG	10153E 3727N	2689-02590	10	GGGG
10643E 3438N	2703-02362	90	P	10439E 2728N	2703-02383	100	GGGG	10149E 3721N	2671-02595	0	GGGG
10642E 3436N	2685-02371	40	GGGG	10437E 2726N	2685-02391	90	GGGG	10131E 3142N	2670-02555	70	FFFF
10639E 3429N	2667-02375	100	GGGG	10436E 2721N	2667-02400	100	GGGG	10122E 3556N	2671-03001	0	GGFG
10638E 3851N	2686-02413	10	GGGG	10424E 3143N	2686-02434	40	GGGG	10121E 4015N	2672-03044	80	GGGG
10636E 3849N	2668-02422	0	GGGG	10424E 3142N	2668-02442	10	FGGG	10106E 3016N	2670-02561	30	FFFF
10628E 2854N	2684-02330	100	GGGG	10415E 2601N	2703-02385	80	GGGG	10056E 3431N	2671-03004	0	GGG
10628E 2854N	2702-02322	90	GGGG	10414E 2600N	2685-02394	90	GGGG	10055E 3854N	2690-03042	0	GGGG
10626E 2847N	2666-02335	70	GGGG	10413E 2555N	2667-02402	90	GGGG	10052E 3850N	2672-03050	80	GGGG
10617E 3312N	2703-02365	100	GGGG	10400E 3016N	2668-02445	10	GGGG	10051E 3844N	2654-03055	20	GGGG
10616E 3311N	2685-02373	60	GGGG	10359E 3017N	2686-02440	70	GGGG	10041E 2849N	2670-02564	50	FFFG
10614E 3304N	2667-02382	100	GGGG	10353E 2436N	2703-02392	30	GGGG	10030E 3306N	2671-03010	0	GGG
10610E 3725N	2686-02420	0	GGGG	10351E 2433N	2685-02400	90	GGGG	10028E 4144N	2691-03091	0	FGGG
10607E 3724N	2668-02424	10	FGGG	10350E 2429N	2667-02405	90	GGGG	10024E 3725N	2672-03053	80	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20158 JAN 13, 177

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0119

PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
10004E	3141N	2671-03013	50	FGG		09804E	3433N	2673-03120	0	GGGG		09609E	3728N	2693-03215	50	GGGG	
09958E	4019N	2691-03094	0	FGPG		09801E	3851N	2674-03163	0	GGGG		09608E	3720N	2657-03232	20	GGGG	
09957E	3600N	2672-03055	30	GGGG		09800E	3847N	2656-03171	40	GGGG		09607E	4139N	2676-03270	20	FFFF	
09956E	2601N	2688-02564	20	GGGG		09750E	2850N	2672-03080	50	GGGG		09607E	4135N	2658-03275	10	GGGG	
09955E	4013N	2673-03102	0	FGGG		09748E	4600N	2694-03250	10	G		09605E	3724N	2675-03223	20	GGGG	
09955E	4012N	2655-03110	10	FFGG		09740E	3309N	2691-03114	0	GGGG		09602E	2725N	2691-03132	10	GGGG	
09954E	2557N	2670-02573	40	GGGG		09738E	3307N	2673-03123	0	GGGG		09600E	2724N	2673-03141	100	GGGG	
09939E	3015N	2671-03015	50	GGGG		09736E	4145N	2693-03203	30	GGGG		09554E	2139N	2672-03100	40	GGGG	
09934E	4312N	2692-03143	80	GGGG		09736E	3729N	2692-03161	90	GGGG		09550E	3146N	2692-03175	0	FFFF	
09932E	4306N	2674-03151	20	GGFG		09735E	4136N	2657-03220	10	GGGG		09548E	3144N	2674-03183	30	GGGG	
09930E	3434N	2672-03062	10	GGGG		09732E	4140N	2675-03212	0	GGGG		09545E	4432N	2677-03315	0	GGGG	
09929E	3853N	2691-03100	0	GGGG		09726E	2725N	2672-03082	90	GGGG		09544E	4429N	2659-03324	0	GGGG	
09926E	3849N	2673-03105	0	GGGG		09715E	3144N	2691-03121	0	GGGG		09541E	4019N	2694-03264	0	GGGG	
09926E	3848N	2655-03113	0	GGGG		09714E	4434N	2694-03253	30	GGFG		09541E	3602N	2693-03221	10	GGGG	
09915E	2848N	2671-03022	60	GGGG		09713E	3141N	2673-03125	0	GGGG		09540E	3555N	2657-03234	20	GGGG	
09904E	3308N	2672-03064	0	GGFG		09710E	4428N	2676-03261	10	PPPP		09538E	3559N	2675-03230	30	GGGG	
09903E	4146N	2692-03145	90	GGGG		09709E	3604N	2692-03163	60	GGGG		09538E	2600N	2691-03135	40	GGGG	
09900E	4141N	2674-03154	10	GGGG		09706E	4020N	2693-03210	40	GGGG		09537E	4013N	2676-03273	0	FFFF	
09900E	3728N	2691-03103	0	GGGG		09703E	2559N	2672-03085	90	GGGG		09537E	4010N	2658-03281	10	GGGG	
09858E	3724N	2673-03111	0	GGGG		09702E	4015N	2675-03214	0	GGGG		09536E	2557N	2673-03143	90	GGGG	
09852E	2721N	2671-03024	90	GGGG		09654E	4721N	2677-03310	0	GGGG		09526E	4721N	2678-03364	0	GGGG	
09840E	4436N	2693-03194	20	GGFG		09650E	3018N	2691-03123	0	GGGG		09526E	3020N	2692-03181	10	GGGG	
09839E	3142N	2672-03071	10	GGGG		09649E	3016N	2673-03132	10	GGGG		09523E	3018N	2674-03190	80	GGGG	
09836E	4430N	2675-03203	30	GGGG		09642E	4309N	2694-03255	10	GGFG		09515E	3436N	2693-03224	60	GGGG	
09833E	4021N	2692-03152	70	GGGG		09642E	3438N	2692-03170	80	GGGG		09515E	2434N	2691-03141	40	GGFG	
09833E	3602N	2691-03105	0	GGGG		09639E	3434N	2674-03174	0	GGGG		09514E	3429N	2657-03241	10	GGGG	
09831E	3559N	2673-03114	0	FFFF		09639E	2433N	2672-03091	50	GGGG		09513E	4307N	2677-03322	0	GGGG	
09830E	4016N	2674-03160	30	GGGG		09637E	3854N	2693-03212	90	GGGG		09513E	2431N	2673-03150	80	GGGG	
09829E	4012N	2656-03165	90	GGGG		09633E	3850N	2675-03221	10	GGGG		09512E	4304N	2659-03330	10	GGGG	
09829E	2555N	2671-03031	90	GGFG		09626E	2851N	2691-03130	0	GGGG		09512E	3433N	2675-03232	10	GGGG	
09814E	3016N	2672-03073	30	GGGG		09624E	2850N	2673-03134	90	GGGG		09511E	3853N	2694-03271	20	GGGG	
09808E	4311N	2693-03201	40	GGGG		09619E	4557N	2677-03313	0	GGGG		09508E	3848N	2676-03275	0	FFFF	
09807E	2429N	2671-03033	90	GGGG		09616E	3312N	2692-03172	10	GGG		09501E	2854N	2692-03184	20	GGGG	
09806E	3435N	2691-03112	0	GGGG		09616E	2306N	2672-03094	80	GGGG		09458E	2852N	2674-03192	90	GGGG	
09804E	4305N	2675-03205	20	GGGG		09613E	3309N	2674-03181	10	GGGG		09453E	2308N	2691-03144	30	GGGG	
09804E	3855N	2692-03154	30	GGGG		09610E	4144N	2694-03262	0	GGFG		09452E	4552N	2660-03375	0	GGFG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20158 JAN 13, 177

LANDSAT-2
COORDINATE LISTING
FOR N9N-US
FROM 12/01/76 TO 12/31/76

PAGE 0120

PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
09451E	4556N	2678-03371	0	FFGG		09348E	2432N	2674-03204	100	GGGG		09245E	4016N	2678-03385	0	PFFF	
09450E	2305N	2673-03152	80	GGGG		09346E	4306N	2678-03380	0	PPGG		09245E	4012N	2660-03393	20	FGGF	
09449E	3310N	2693-03230	30	GGGG		09346E	4302N	2660-03384	0	FGFG		09244E	2558N	2675-03255	70	GGGG	
09448E	3304N	2657-03243	10	FFFF		09346E	3431N	2676-03291	30	PFFF		09244E	2017N	2692-03211	10	GGGG	
09445E	3307N	2675-03235	10	GGGG		09345E	3429N	2658-03295	10	GGGG		09241E	2014N	2674-03215	70	GGGG	
09443E	3728N	2694-03273	30	GGFG		09343E	3851N	2677-03333	0	GGGG		09238E	4725N	2698-03472	40	FGGG	
09442E	4142N	2677-03324	0	FGGG		09343E	3849N	2659-03342	10	GGGG		09237E	4723N	2680-03481	0	GGGG	
09441E	4139N	2659-03333	10	GGGG		09334E	2853N	2693-03242	10	GGGG		09232E	3018N	2694-03294	0	GGGG	
09440E	3723N	2676-03282	10	FFFG		09334E	2846N	2657-03255	30	GGGG		09231E	5017N	2699-03521	10	GGGG	
09439E	3720N	2658-03290	10	GGGG		09331E	2850N	2675-03250	70	GGGG		09229E	3014N	2676-03302	20	GGGG	
09438E	4845N	2679-03420	70	FGGF		09328E	2309N	2692-03202	20	GGGG		09229E	3012N	2658-03311	0	GGGG	
09437E	2728N	2692-03190	10	GGGG		09327E	4555N	2679-03425	30	FGFG		09224E	2428N	2657-03270	20	GGGG	
09434E	2725N	2674-03195	90	GGGG		09325E	2306N	2674-03210	90	GGGG		09223E	2434N	2693-03253	10	GGGG	
09433E	2722N	2656-03203	60	GGGG		09322E	3310N	2694-03285	0	GGGG		09222E	5006N	2663-03534	10	GGGG	
09431E	2141N	2691-03150	10	GGGG		09320E	3306N	2676-03293	60	FGFF		09222E	3433N	2659-03353	0	GGGG	
09428E	2138N	2673-03155	20	GGGG		09319E	3304N	2658-03302	10	GGGG		09222E	1850N	2692-03213	10	GGGG	
09423E	3145N	2693-03233	10	GGGG		09316E	3724N	2659-03344	30	GGGG		09221E	4305N	2679-03434	20	FFFF	
09423E	3138N	2657-03250	40	GGGG		09315E	4850N	2698-03470	70	G		09221E	3434N	2677-03345	10	GGGG	
09420E	3142N	2675-03241	20	GGGG		09315E	4141N	2678-03382	0	PFGG		09221E	2432N	2675-03252	90	GGGF	
09418E	4431N	2678-03373	0	FFGG		09315E	4137N	2660-03391	0	GGGG		09220E	4302N	2661-03443	60	GGGG	
09418E	4427N	2660-03382	0	GGGG		09315E	3726N	2677-03340	10	GGGG		09216E	3847N	2660-03400	10	FGGF	
09415E	3602N	2694-03280	10	GGGG		09313E	4848N	2680-03474	10	G		09215E	3850N	2678-03391	0	FFGF	
09414E	2602N	2692-03193	10	GGGG		09310E	2726N	2693-03244	20	GGGG		09208E	2852N	2694-03300	10	GGFG	
09412E	4016N	2677-03331	0	GGGG		09310E	2720N	2657-03261	70	GGGG		09205E	2849N	2676-03305	10	GGGG	
09412E	3557N	2676-03284	0	FGFG		09307E	2724N	2675-03253	50	GGGG		09203E	4600N	2698-03475	70	GGGG	
09412E	3555N	2658-03293	20	GGGG		09306E	2143N	2692-03204	10	GGGG		09201E	2308N	2693-03260	10	GGGF	
09411E	4014N	2659-03335	10	GGGG		09303E	2140N	2674-03213	60	FGGG		09201E	2302N	2657-03273	20	GGGG	
09411E	2559N	2674-03201	80	GGFG		09257E	3144N	2694-03291	0	GGGG		09158E	2306N	2675-03264	90	GGGG	
09409E	2013N	2691-03153	10	GGGG		09254E	3140N	2676-03300	50	FFFF		09155E	3309N	2677-03351	10	GGGG	
09406E	2012N	2673-03161	10	GGGG		09253E	4430N	2679-03432	30	FFFF		09155E	3307N	2659-03360	0	PPPP	
09402E	4720N	2679-03423	80	FGGF		09253E	3138N	2658-03304	10	GGGG		09152E	4852N	2699-03524	30	GGGG	
09359E	3019N	2693-03235	10	GGGG		09252E	4427N	2661-03440	60	GGGG		09150E	4140N	2679-03441	60	FFFF	
09358E	3012N	2657-03252	40	GGGG		09248E	3558N	2659-03351	10	GGGG		09149E	4137N	2661-03445	10	GGGF	
09355E	3016N	2675-03244	60	GGGG		09247E	3600N	2677-03342	10	GGGG		09148E	3722N	2660-03402	60	GGFF	
09351E	2436N	2692-03195	10	GGGG		09247E	2554N	2687-03264	50	GGGG		09147E	4848N	2681-03532	90	GGFG	
09348E	3436N	2694-03282	10	GGGG		09246E	2600N	2693-03251	10	GGGG		09147E	3725N	2678-03394	0	PGGF	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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20158 JAN 13, '77

LANDSAT-2
COORDINATE LISTING
FOR N8N-US
FROM 12/01/76 TO 12/31/76

PAGE 0121

PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
09144E	2726N	2694-03303	10	GGGG		09053E	3434N	2678-03403	10	FGGG		08954E	4018N	2680-03501	0	FGGG	
09143E	4842N	2663-03541	10	PGFF		09053E	3431N	2660-03411	0	GGFG		08954E	4011N	2662-03510	90	GGGG	
09141E	2723N	2676-03311	80	GGGF		09053E	1846N	2675-03280	100	GGGG		08954E	3558N	2661-03463	30	GGGG	
09141E	2720N	2658-03320	50	GGGG		09051E	3849N	2679-03450	0	FGGG		08954E	2558N	2659-03380	40	GGGG	
09138E	2142N	2693-03262	10	GGGG		09050E	3848N	2661-03454	0	GGGG		08953E	2600N	2677-03372	30	GGGG	
09137E	5128N	2664-03590	60	FGGG		09041E	4603N	2699-03533	50	FFGG		08951E	2013N	2694-03323	80	GGGG	
09136E	2140N	2675-03271	100	GGGG		09041E	2851N	2677-03363	20	GGGG		08948E	2010N	2658-03340	70	GGGG	
09130E	3143N	2677-03354	10	GGGG		09040E	2850N	2659-03371	10	GGGG		08947E	4728N	2700-03585	100	FGGG	
09130E	3142N	2659-03362	0	GGGG		09036E	4558N	2681-03541	10	GGGG		08945E	4722N	2682-03593	70	PGGP	
09129E	4435N	2698-03481	100	GGGG		09035E	2307N	2694-03314	20	GGGG		08941E	4715N	2664-04002	50	GGGG	
09128E	4433N	2680-03490	10	GGGG		09034E	1721N	2693-03274	40	GGGG		08938E	3016N	2678-03414	10	FFGG	
09127E	4426N	2662-03494	30	GGGG		09032E	4552N	2663-03550	30	GGGG		08937E	3015N	2660-03423	10	GGGG	
09120E	4015N	2679-03443	20	FGFF		09032E	2302N	2658-03331	10	GGGG		08934E	5011N	2683-04042	10	FGGG	
09120E	3559N	2678-03400	0	FGGG		09032E	1720N	2675-03282	100	GGGG		08934E	4314N	2699-03542	40	GGGG	
09120E	3556N	2660-03405	20	GG G		09027E	3308N	2678-03405	20	PGGG		08931E	5004N	2665-04051	70	GGGG	
09120E	2559N	2694-03305	10	FGGG		09026E	4144N	2698-03490	90	GGGG		08931E	2433N	2677-03374	40	GGGG	
09119E	4012N	2661-03452	10	GGGF		09025E	4143N	2680-03495	0	GGGG		08931E	2432N	2659-03383	10	GGGG	
09118E	2555N	2658-03322	30	GGGG		09024E	4853N	2700-03582	90	FFGG		08930E	4307N	2681-03550	70	GGGF	
09116E	2014N	2693-03265	20	GGGG		09024E	4136N	2662-03503	60	GGGG		08929E	3433N	2679-03461	10	FGFG	
09115E	4728N	2699-03530	40	FGGG		09023E	3724N	2679-03452	20	FGGG		08929E	1847N	2694-03330	80	GGGG	
09114E	2013N	2675-03273	100	GGGG		09021E	4846N	2682-03591	60	PPP		08928E	4302N	2663-03555	10	GGGF	
09110E	4723N	2681-03535	50	GGGG		09021E	3723N	2661-03461	30	GGGG		08927E	3432N	2661-03470	10	GGGG	
09107E	4717N	2663-03543	10	GGGG		09018E	4840N	2664-03595	70	FGGG		08927E	1844N	2676-03334	90	GGGG	
09105E	3017N	2677-03360	30	GGGG		09017E	2725N	2677-03365	30	GGGG		08926E	3853N	2698-03495	50	GGGG	
09105E	3016N	2659-03365	0	GGGG		09017E	2724N	2659-03374	40	GGGG		08926E	1844N	2658-03343	10	PPFG	
09103E	5018N	2700-03580	70	GGGG		09015E	5135N	2683-04040	10	GGGG		08925E	3852N	2680-03504	10	FGGG	
09100E	5011N	2682-03584	40	PPP		09012E	2140N	2694-03321	70	FGGG		08924E	3846N	2662-03512	70	GGGG	
09057E	5004N	2664-03593	40	FGFF		09011E	5128N	2665-04044	80	GGGG		08914E	2850N	2678-03421	0	FFGF	
09057E	4310N	2698-03484	100	FGGG		09011E	2138N	2676-03325	80	FFFF		08913E	2850N	2660-03425	10	GGGG	
09057E	2433N	2694-03312	10	GGGG		09010E	2136N	2658-03334	10	GGGG		08912E	4602N	2700-03591	100	GGGG	
09056E	4308N	2680-03492	10	GGGG		09007E	4439N	2699-03535	40	GGGG		08910E	4557N	2682-04000	90	PGGP	
09056E	1843N	2657-03284	10	FGGG		09003E	4433N	2681-03544	30	GGGG		08908E	2307N	2677-03381	50	GGGG	
09055E	4301N	2662-03501	50	GGGG		09002E	3142N	2678-03412	10	PGGG		08908E	2306N	2659-03385	0	GGGG	
09055E	2431N	2676-03320	30	FFGG		08959E	4427N	2663-03552	30	GGGF		08908E	1720N	2694-03332	80	GGGG	
09055E	2429N	2658-03325	10	GGGG		08956E	4019N	2698-03493	90	GGGG		08907E	4551N	2664-04004	50	GGGG	
09055E	1847N	2693-03271	20	GGGF		08956E	3558N	2679-03455	30	FFFF		08905E	1718N	2658-03345	10	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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COORDINATE LISTING
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PAGE 0122

PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
08903E	3307N	2679-03464	0	0	FGGF	08806E	5302N	2685-04150	10	0	PFPF	08719E	2138N	2660-03450	20	0	GGGG
08902E	4148N	2699-03544	40	0	GGGG	08806E	4312N	2700-04000	30	0	GGGG	08719E	1554N	2677-03401	90	0	GGG
08901E	3306N	2661-03472	0	0	GGGG	08805E	4307N	2682-04005	70	0	PPFP	08712E	3144N	2680-03524	0	0	GGGG
08859E	4142N	2681-03553	60	0	FGGG	08805E	2431N	2678-03432	0	0	PPFP	08712E	3144N	2698-03520	10	0	GGGG
08858E	3728N	2698-03502	20	0	GGGG	08804E	3437N	2698-03511	10	0	GGGG	08711E	3141N	2662-03533	10	0	GGGG
08857E	4137N	2663-03561	10	0	GGGF	08804E	2431N	2660-03441	10	0	GGGG	08709E	4432N	2683-04060	10	0	GGGG
08857E	3727N	2680-03510	10	0	GGGG	08803E	3436N	2680-03515	0	0	GGGG	08708E	4424N	2665-04065	90	0	GGGG
08855E	4847N	2683-04045	0	0	GGGG	08802E	3856N	2699-03553	40	0	FGGG	08706E	3605N	2699-03562	10	0	FGFG
08855E	3721N	2662-03515	40	0	FFGF	08802E	1848N	2677-03392	90	0	GGGG	08705E	4021N	2700-04005	0	0	FGGG
08853E	4840N	2665-04053	90	0	GGGF	08801E	5256N	2667-04154	90	0	G	08704E	3600N	2681-03571	40	0	GGGG
08850E	2724N	2678-03423	10	0	FGPG	08801E	4302N	2664-04013	0	0	FFGG	08703E	4018N	2682-04014	10	0	PPFP
08849E	2724N	2660-03432	40	0	GGGG	08801E	3431N	2662-03524	0	0	GGGG	08702E	3556N	2663-03575	40	0	FGGG
08847E	5139N	2688-04094	0	0	FFFG	08759E	3851N	2681-03562	20	0	FGGG	08702E	2557N	2679-03484	0	0	FFFG
08847E	1554N	2694-03335	90	0	GGGG	08758E	3847N	2663-03570	40	0	GGGF	08700E	2556N	2661-03493	0	0	GGGG
08846E	2140N	2677-03383	60	0	GGGG	08748E	2850N	2679-03475	0	0	GGGG	08659E	4012N	2664-04022	10	0	FGFG
08845E	2139N	2659-03392	10	0	GGGG	08747E	2848N	2661-03484	0	0	GGGG	08658E	1428N	2677-03404	90	0	GGGG
08839E	4437N	2700-03594	90	0	GGGG	08742E	4557N	2683-04054	10	0	GGGG	08657E	2014N	2678-03444	10	0	PPGP
08837E	4432N	2682-04002	90	0	FGGF	08742E	2304N	2678-03435	0	0	PPGP	08657E	2012N	2660-03452	30	0	GGGG
08837E	3141N	2679-03470	0	0	FGGF	08741E	4549N	2665-04062	90	0	GGGG	08652E	4724N	2684-04105	20	0	PPFP
08835E	3140N	2661-03475	0	0	GGGG	08741E	2304N	2660-03443	10	0	GGGG	08647E	3019N	2680-03531	0	0	GGGG
08833E	4426N	2664-04011	30	0	GGGG	08740E	1721N	2677-03395	90	0	GGGG	08647E	3018N	2698-03522	10	0	GGGG
08832E	4022N	2699-03551	40	0	FFGG	08738E	3310N	2698-03513	10	0	GGGG	08647E	3015N	2662-03535	10	0	GGGG
08831E	3602N	2698-03504	10	0	GGGG	08737E	3310N	2680-03522	0	0	GGGG	08640E	2431N	2679-03491	0	0	FFGG
08830E	3601N	2680-03513	0	0	GGGG	08736E	3306N	2662-03530	0	0	FGGG	08639E	5007N	2667-04163	30	0	GGGG
08829E	4017N	2681-03555	40	0	FGGG	08735E	4147N	2700-04003	10	0	GFPF	08639E	3439N	2699-03565	20	0	GGGG
08828E	3556N	2662-03521	10	0	GGGG	08734E	3731N	2699-03560	20	0	GGGG	08638E	5302N	2686-04204	50	0	PPFP
08827E	4012N	2663-03564	20	0	GGGG	08733E	4143N	2682-04011	30	0	PPFP	08637E	4306N	2683-04063	10	0	GGGG
08827E	2558N	2678-03430	10	0	PPPG	08731E	3726N	2681-03564	80	0	GGGG	08637E	3435N	2681-03573	20	0	GGGG
08826E	2558N	2660-03434	10	0	GGGG	08730E	4137N	2664-04020	0	0	FGGG	08637E	2430N	2661-03495	0	0	GGGG
08823E	2014N	2677-03390	70	0	GGGG	08729E	4849N	2684-04103	10	0	FGFG	08636E	4259N	2665-04071	10	0	GGGG
08823E	2013N	2659-03394	10	0	GGGG	08729E	3721N	2663-03573	60	0	GGGG	08635E	3856N	2700-04012	30	0	GGGF
08818E	4722N	2683-04051	10	0	GGGG	08725E	3724N	2679-03482	10	0	GGGG	08635E	3431N	2663-03582	10	0	GGGG
08816E	4714N	2665-04060	90	0	GGGG	08723E	5138N	2685-04152	10	0	GPGP	08635E	1846N	2678-03450	10	0	PPGP
08812E	3016N	2679-03473	0	0	GGFF	08723E	2722N	2661-03490	20	0	GGGG	08635E	1845N	2660-03455	30	0	GGGF
08810E	3014N	2661-03481	0	0	GGGG	08719E	5131N	2667-04161	40	0	GGGG	08634E	5256N	2668-04212	100	0	PPFF
08807E	5014N	2684-04100	10	0	FGPF	08719E	2140N	2678-03441	10	0	PPFP	08633E	3852N	2682-04020	40	0	PPFP

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COORDINATE LISTING
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FROM 12/01/76 TO 12/31/76

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PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
08630E	3847N	2664-04025	10	FGGG		08535E	2556N	2662-03551	0	GGGG		08442E	3305N	2664-04043	0	FFGG	
08623E	2853N	2680-03533	0	GGGG		08534E	4009N	2665-04080	0	GGGG		08440E	4143N	2684-04123	0	PPPF	
08623E	2852N	2698-03525	0	GGGG		08532E	2012N	2679-03502	10	FFGF		08438E	3725N	2683-04081	70	GGGG	
08622E	2848N	2662-03542	0	GGGG		08531E	1427N	2678-03462	50	FFFF		08437E	4848N	2686-04215	0	GGGG	
08617E	4559N	2684-04112	30	PFPP		08530E	2012N	2661-03511	10	GGGG		08437E	3719N	2665-04085	0	FGGG	
08617E	2305N	2679-03493	0	FFGG		08527E	4724N	2685-04164	10	GFPP		08435E	2729N	2699-03585	50	GGGG	
08614E	2304N	2661-03502	0	GGGG		08524E	4719N	2667-04172	10	GGGG		08434E	4843N	2668-04224	10	GGGG	
08614E	1719N	2660-03461	30	GGGF		08523E	3021N	2699-03580	10	GGGG		08433E	5140N	2687-04264	10	GGGG	
08614E	1719N	2678-03453	40	GPFG		08521E	3018N	2681-03585	0	GGGG		08433E	2726N	2681-03594	10	GGGG	
08613E	3313N	2699-03571	20	FGGG		08520E	3012N	2663-03593	10	GGGG		08431E	2722N	2663-04002	10	FGGG	
08611E	3310N	2681-03580	10	GGGG		08516E	5013N	2686-04213	10	GGGG		08429E	2141N	2680-03554	0	GGGG	
08610E	3305N	2663-03584	0	GGGG		08515E	5304N	2687-04262	80	GGGG		08429E	2140N	2698-03545	0	GGGG	
08607E	3730N	2700-04014	50	GGGG		08514E	2433N	2698-03540	10	GGGG		08428E	5131N	2669-04273	0	GGGG	
08606E	4141N	2683-04065	0	GGGG		08513E	3438N	2700-04023	20	GGGG		08427E	5419N	2670-04322	20	FGGG	
08605E	3726N	2682-04023	40	PPFP		08512E	5007N	2668-04221	40	GGGG		08427E	1552N	2679-03514	90	GGGG	
08604E	4849N	2685-04161	0	GGFG		08512E	2429N	2662-03553	10	FGGG		08426E	2138N	2662-03562	0	GGGG	
08604E	4134N	2665-04074	10	FGGG		08511E	4308N	2684-04121	0	FGPG		08426E	1553N	2661-03522	20	GGGG	
08602E	3721N	2664-04031	0	FGGF		08511E	3435N	2682-04032	40	PPPF		08421E	3147N	2700-04032	20	GGGG	
08600E	4843N	2667-04170	10	GGGG		08510E	5255N	2669-04271	0	GGGG		08416E	3138N	2664-04045	0	FGGG	
08559E	2727N	2680-03540	10	FFFF		08510E	1846N	2679-03505	10	GGGF		08415E	4428N	2667-04181	10	GGGG	
08559E	2725N	2698-03531	10	GGGG		08509E	1845N	2661-03513	10	GGGG		08412E	2602N	2699-03592	40	GGGG	
08559E	2722N	2662-03544	10	GGGG		08508E	3430N	2664-04040	0	FGGG		08410E	3600N	2683-04083	10	GGGG	
08555E	5137N	2686-04210	30	GGGG		08507E	3851N	2683-04074	20	FGGF		08410E	3553N	2665-04092	0	GGGG	
08555E	2138N	2679-03500	10	FGGG		08506E	3844N	2665-04083	0	GGGG		08410E	2600N	2681-04000	20	GGGG	
08552E	5131N	2668-04215	90	GGGG		08459E	2855N	2699-03583	30	GGGG		08409E	4020N	2684-04130	0	PPPG	
08552E	2138N	2661-03504	10	FGGG		08457E	2852N	2681-03591	0	GGGG		08407E	2556N	2663-04005	0	FGGG	
08552E	1553N	2678-03455	60	FFFF		08455E	2847N	2663-04000	10	GGGG		08407E	2014N	2698-03552	0	GGGG	
08548E	3147N	2699-03574	10	GGGF		08452E	4559N	2685-04170	10	GFPG		08406E	1426N	2679-03520	30	GGGF	
08546E	3144N	2681-03582	0	GGGG		08451E	2308N	2680-03551	0	GGGG		08405E	1426N	2661-03525	20	GGGG	
08544E	3138N	2663-03591	0	GGGG		08451E	2307N	2698-03543	10	FGGG		08404E	2012N	2662-03565	0	GGGG	
08543E	4434N	2684-04114	20	PFPP		08449E	4553N	2667-04175	10	GGGG		08401E	4723N	2686-04222	0	FFFF	
08539E	3605N	2700-04021	10	GGGG		08449E	2304N	2662-03560	0	GGGG		08357E	4718N	2668-04230	10	GGGG	
08537E	3601N	2682-04025	30	PPPF		08449E	1719N	2679-03511	40	GGGF		08356E	3021N	2700-04035	30	GGGG	
08536E	4016N	2683-04072	0	GGGG		08447E	1719N	2661-03520	20	GGGG		08352E	5015N	2687-04271	10	GGGG	
08536E	2558N	2698-03534	0	GGGG		08446E	3312N	2700-04030	20	GGGG		08351E	3012N	2664-04052	10	FGGG	
08535E	3556N	2664-04034	10	FGFF		08445E	3309N	2682-04034	30	PPFF		08348E	5304N	2688-04320	60	FGGG	

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20158 JAN 13, 177

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0124

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
08348E 2436N	2699-03594	30	GGGG	08303E 2143N	2699-04003	10	GGGG	08218E 3437N	2684-04144	10	PPPP
08347E 5007N	2669-04280	10	GGGG	08303E 1554N	2698-03563	30	GGGG	08218E 2428N	2664-04070	0	GGGG
08347E 2433N	2681-04003	30	GGGG	08302E 2141N	2681-04012	10	GGGG	08218E 1847N	2681-04021	60	GGGG
08346E 4309N	2685-04175	0	GGGG	08302E 1555N	2680-03572	30	GGGG	08218E 1259N	2662-03585	20	GGGG
08346E 1300N	2679-03523	30	GGGF	08301E 5130N	2670-04331	20	FFGF	08217E 4302N	2668-04242	0	GGGG
08345E 1848N	2680-03563	10	GGGG	08300E 1552N	2662-03580	20	GGGG	08216E 3852N	2685-04191	10	GGGG
08345E 1847N	2698-03554	0	GGGG	08259E 2137N	2663-04020	0	GGGG	08215E 1844N	2663-04025	10	GGGG
08344E 3434N	2683-04090	20	GGGF	08253E 3142N	2683-04095	10	GGGG	08204E 2850N	2683-04104	0	GGGG
08344E 1300N	2661-03531	30	GGGG	08251E 4434N	2686-04231	10	GGGG	08202E 2847N	2665-04112	40	GGGG
08343E 5255N	2670-04325	10	GGGF	08251E 3139N	2665-04103	10	GGGG	08201E 4601N	2687-04282	10	GGGG
08343E 4303N	2667-04184	0	GGG	08248E 4427N	2668-04235	0	GGGG	08159E 2309N	2700-04055	0	GGGG
08343E 3429N	2665-04094	0	GGGG	08245E 4018N	2685-04184	10	PFGG	08159E 1724N	2699-04015	20	GGGG
08342E 1846N	2662-03571	10	GGGG	08245E 3601N	2684-04141	0	PFPP	08157E 4552N	2669-04291	0	GGGG
08340E 3854N	2684-04132	0	PPPP	08245E 2602N	2700-04050	10	GGGG	08157E 2306N	2682-04064	0	PPPF
08332E 2855N	2700-04041	20	GGGG	08244E 2559N	2682-04055	0	PPFP	08156E 1721N	2681-04023	40	GGGG
08327E 2846N	2664-04054	10	GGGG	08242E 4013N	2667-04193	10	GGGG	08155E 2303N	2664-04072	0	GGGG
08326E 2310N	2699-04001	10	GGGG	08242E 2017N	2699-04010	10	GGGG	08154E 1718N	2663-04032	10	GGGG
08325E 4558N	2686-04224	10	GGGG	08242E 1427N	2698-03570	40	GGGG	08152E 3311N	2684-04150	10	PPPP
08325E 2307N	2681-04005	10	GGGG	08241E 2554N	2664-04063	0	FGFG	08148E 3727N	2685-04193	30	GGGF
08324E 1720N	2698-03561	20	GGGG	08241E 1429N	2680-03574	20	GGGG	08147E 4143N	2686-04240	0	GGGG
08324E 1134N	2661-03534	30	GGGG	08240E 2014N	2681-04014	40	GGGG	08146E 4137N	2668-04244	0	GGGG
08322E 4553N	2668-04233	0	GGGG	08239E 1425N	2662-03583	20	GGGG	08145E 4850N	2688-04332	20	GGGG
08320E 1719N	2662-03574	10	GGGG	08237E 2010N	2663-04023	0	FGFF	08142E 4842N	2670-04340	70	GGGG
08318E 3308N	2683-04092	20	GGGG	08236E 4726N	2687-04280	0	GGGG	08140E 2724N	2683-04110	0	GGGG
08317E 3304N	2665-04101	0	GGGG	08232E 4718N	2669-04285	0	GGGG	08138E 2722N	2665-04115	60	GGGG
08315E 4143N	2685-04182	0	GGGG	08228E 3017N	2683-04101	0	GGGG	08138E 1557N	2699-04021	40	GGGG
08314E 4851N	2687-04273	0	GGGG	08227E 3013N	2665-04110	10	GGGG	08137E 2143N	2700-04062	20	GGGG
08312E 4138N	2667-04190	10	GGGG	08224E 5014N	2688-04325	10	FFFF	08136E 5420N	2672-04435	60	GGGG
08312E 3727N	2684-04135	0	PPPF	08223E 5303N	2689-04374	20	FGFF	08136E 5133N	2671-04385	20	GGG
08309E 4842N	2669-04282	0	GGGG	08222E 2435N	2700-04053	10	GGGG	08135E 2140N	2682-04070	0	PPPF
08308E 2728N	2700-04044	10	GGGG	08221E 5006N	2670-04334	40	FFGF	08135E 1555N	2681-04030	60	GGGG
08308E 2725N	2682-04052	10	PPPF	08221E 2433N	2682-04061	0	PPPP	08133E 1551N	2663-04034	10	FFGG
08305E 5139N	2688-04323	30	FFGF	08221E 1301N	2698-03572	40	GGGG	08132E 2136N	2664-04075	10	GGGG
08304E 2720N	2664-04061	10	GGGF	08220E 1851N	2699-04012	20	GGGG	08127E 4436N	2687-04285	10	GGGG
08304E 1008N	2661-03540	40	GGGG	08218E 5257N	2671-04383	20	FFGG	08127E 3145N	2684-04153	10	PPPP
08303E 5422N	2671-04380	60	GGGF	08218E 4308N	2686-04233	0	GGGG	08123E 4428N	2669-04294	10	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

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LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0125

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
08121E 3601N	2685-04200	10	FGGF	08030E 4552N	2670-04345	30	FGGG	07938E 3019N	2685-04214	0	FGGG
08117E 4017N	2686-04242	20	PGFG	08030E 2304N	2665-04130	60	GGGG	07935E 3016N	2667-04222	0	GGGG
08117E 3558N	2667-04204	10	GGGG	08028E 3310N	2685-04205	0	GGGG	07931E 5015N	2690-04441	10	PGGG
08117E 2558N	2683-04113	0	GGGG	08027E 1718N	2664-04090	30	FGGG	07930E 5302N	2691-04491	100	FGFG
08117E 1430N	2699-04024	60	GGGG	08025E 3307N	2667-04213	10	GGGG	07930E 1303N	2700-04085	50	GGGG
08115E 4013N	2668-04251	0	GGGG	08023E 4146N	2687-04294	20	GGGG	07929E 5008N	2672-04450	10	GGGG
08115E 2555N	2665-04121	70	GGGG	08022E 4849N	2689-04390	0	GGGG	07928E 2434N	2684-04173	20	PPPP
08115E 2016N	2700-04064	40	GGGG	08020E 4138N	2669-04303	20	GGGG	07928E 1301N	2682-04093	70	FGGF
08115E 1428N	2681-04032	60	GGGG	08020E 3726N	2686-04251	60	GGGG	07927E 4310N	2688-04350	10	FGGG
08114E 2014N	2682-04073	0	PPPF	08018E 3722N	2668-04260	0	FGGG	07926E 3435N	2686-04260	80	GGGG
08110E 2010N	2664-04081	10	FGFG	08017E 4845N	2671-04394	10	G GG	07925E 5255N	2673-04495	80	GGGG
08109E 4725N	2688-04334	10	GGGG	08015E 2727N	2684-04164	10	PPPP	07925E 1846N	2683-04133	10	GGGG
08106E 4717N	2670-04343	60	FGGG	08012E 1557N	2700-04080	80	GGGG	07925E 1259N	2664-04102	80	GGGF
08102E 3019N	2684-04155	0	PGPP	08011E 5139N	2690-04435	10	PPGG	07924E 4302N	2670-04354	0	FGGG
08056E 1303N	2699-04030	90	FGGG	08010E 5419N	2673-04493	40	GGGG	07924E 3855N	2687-04303	30	GGG
08055E 5009N	2671-04392	10	FGGG	08009E 5133N	2672-04444	10	GGGG	07924E 3431N	2668-04265	0	GGFG
08054E 5304N	2690-04432	10	PPFF	08009E 2140N	2683-04124	10	FGGG	07923E 1844N	2665-04142	80	GGGG
08054E 4311N	2687-04291	0	GGGG	08009E 1554N	2682-04084	70	FGGP	07921E 3847N	2669-04312	80	GGGG
08054E 3435N	2685-04202	10	GGGG	08007E 2138N	2665-04133	50	GGGG	07914E 2853N	2685-04220	0	GGGG
08054E 2432N	2683-04115	0	GGGG	08006E 1552N	2664-04093	30	FGGG	07911E 2850N	2667-04225	0	GGG
08054E 1302N	2681-04035	60	GGGG	08002E 3144N	2685-04211	0	GGGG	07906E 4555N	2671-04403	10	GGGG
08053E 1849N	2700-04071	50	GGGG	08000E 4435N	2688-04343	10	GGGG	07905E 2308N	2684-04180	40	PPPP
08052E 2429N	2665-04124	40	GGGG	08000E 3141N	2667-04220	0	GGGG	07904E 1719N	2683-04140	10	GGGG
08052E 1847N	2682-04075	30	FGPF	07957E 4427N	2670-04352	10	FGGG	07901E 1717N	2665-04144	30	GGGG
08052E 1300N	2663-04043	40	GGGG	07953E 4020N	2687-04300	50	GGGG	07900E 3309N	2686-04263	80	GGGG
08051E 5257N	2672-04441	10	FGGG	07953E 3600N	2686-04254	70	GGGG	07858E 3306N	2668-04271	0	GGGG
08051E 4303N	2669-04300	10	GGGG	07951E 2601N	2684-04171	10	PPPP	07856E 4144N	2688-04352	10	FGGG
08051E 3432N	2667-04211	10	GGGG	07951E 1430N	2700-04082	40	GGGG	07856E 3729N	2687-04305	10	GGGG
08048E 3852N	2686-04245	50	FGGG	07950E 4013N	2669-04305	50	GGGG	07853E 4137N	2670-04361	0	GGGG
08048E 1843N	2664-04084	20	FGGG	07950E 3557N	2668-04262	0	FGGG	07852E 4850N	2690-04444	10	FGGG
08046E 3848N	2668-04253	0	FGGG	07948E 1427N	2682-04091	70	FGGP	07852E 3722N	2669-04314	30	GGGG
08038E 2853N	2684-04162	0	GGPF	07947E 2013N	2683-04131	10	GGGG	07850E 4844N	2672-04453	0	GGGG
08033E 4600N	2688-04341	10	GGGG	07945E 4724N	2689-04392	10	PPPP	07850E 2727N	2685-04223	0	GGGG
08032E 2306N	2683-04122	0	GGGG	07945E 2011N	2665-04135	30	GGGG	07847E 5137N	2691-04493	100	GGGG
08032E 1723N	2700-04073	70	GGGG	07945E 1425N	2664-04095	80	GGFG	07847E 2725N	2667-04231	10	GGGG
08031E 1721N	2682-04082	80	FGFF	07941E 4719N	2671-04401	10	FGGF	07843E 5131N	2673-04502	10	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20:58 JAN 13, 1977

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COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0126

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678			
LONG LAT				LONG LAT				LONG LAT						
07843E	2142N	2684-04182	50	PPPP	07741E	1133N	2683-04154	20	GGGG	07653E	2013N	2667-04252	30	GGG
07843E	1553N	2683-04142	10	GGGG	07740E	4601N	2690-04453	0	FGGG	07652E	4724N	2691-04505	100	GGGG
07840E	1551N	2665-04151	90	GGGG	07740E	2308N	2685-04234	50	FGGG	07648E	4718N	2673-04513	10	GGGG
07835E	3143N	2686-04265	60	GGGG	07739E	4554N	2672-04462	0	FGGG	07646E	3020N	2687-04330	0	GGGG
07834E	4434N	2689-04401	10	PPP	07739E	1132N	2665-04162	20	GGGG	07643E	3014N	2689-04335	90	GGGG
07832E	4430N	2671-04410	0	GGGG	07738E	1722N	2684-04194	30	PPPP	07640E	5016N	2692-04554	90	GGGG
07832E	3141N	2668-04274	20	GGGG	07737E	2305N	2667-04243	10	GGGG	07638E	5305N	2693-05003	60	FGGF
07828E	3604N	2687-04312	20	GGGG	07735E	3312N	2687-04321	10	GGGG	07637E	5010N	2674-04562	0	GGGG
07826E	4019N	2688-04355	10	FFGG	07733E	3306N	2669-04330	10	GGGG	07637E	2434N	2686-04290	70	GGGG
07826E	2600N	2685-04225	10	GGGG	07729E	4849N	2691-04502	100	GGFG	07635E	5258N	2675-05012	0	GGGF
07825E	3557N	2669-04321	10	GGGG	07729E	4139N	2671-04415	20	GGGG	07635E	3436N	2688-04373	10	GGGG
07823E	4011N	2670-04363	0	FGGG	07729E	3728N	2688-04364	0	FGGG	07635E	1848N	2685-04250	30	GGGG
07823E	2558N	2667-04234	10	GGFF	07726E	3722N	2670-04372	10	GGGG	07635E	1302N	2684-04205	10	PPPP
07822E	1426N	2683-04145	10	GGGG	07724E	4843N	2673-04511	0	GGGG	07634E	4311N	2690-04462	10	FGGP
07821E	2015N	2684-04185	30	PPPP	07724E	1009N	2701-04152	60	GGGG	07634E	2433N	2668-04294	80	GGGG
07819E	1425N	2665-04153	70	GGGG	07723E	2726N	2686-04281	50	GGGG	07633E	4304N	2672-04471	10	GGGG
07815E	4726N	2690-04450	0	FGGG	07721E	5141N	2692-04551	30	GGGG	07632E	3852N	2689-04415	10	FGGG
07814E	4719N	2672-04455	0	GGGG	07720E	5422N	2675-05005	0	GGGG	07632E	3432N	2670-04381	20	GGGG
07810E	3017N	2686-04272	10	GGGG	07720E	2724N	2668-04285	20	GGGG	07631E	1847N	2667-04254	30	GGGG
07808E	3015N	2668-04280	70	GGGG	07719E	1006N	2665-04165	50	GGGG	07630E	5252N	2657-05020	60	GGGG
07807E	5013N	2691-04500	100	GGGG	07718E	2141N	2685-04241	50	FGFG	07628E	3850N	2671-04424	0	GGGF
07803E	5007N	2673-04504	0	GGGG	07717E	5134N	2674-04560	10	GGGG	07622E	2854N	2687-04332	0	FGGG
07803E	2434N	2685-04232	40	GGGF	07717E	1555N	2684-04200	20	PPPP	07619E	2849N	2669-04341	90	GGGG
07802E	4309N	2689-04404	10	P	07715E	2139N	2667-04245	0	GGGG	07617E	4559N	2691-04511	100	GGGG
07802E	1300N	2683-04151	10	GGGG	07710E	3146N	2687-04323	10	GGGG	07615E	1136N	2684-04212	30	PPPP
07801E	3437N	2687-04314	10	GGGG	07707E	3140N	2669-04332	70	GGGG	07614E	2307N	2686-04292	50	GGGG
07800E	5258N	2674-04553	10	GGGG	07706E	4436N	2690-04455	0	FGGG	07614E	1722N	2685-04252	10	GGGF
07800E	4305N	2671-04412	10	GGGG	07705E	4429N	2672-04464	0	GGGG	07612E	4553N	2673-04520	0	GGGG
07800E	2431N	2667-04240	10	GGGG	07702E	3602N	2688-04370	10	GGGG	07612E	2306N	2668-04301	90	GGGG
07759E	1848N	2684-04191	30	PPPP	07701E	4018N	2689-04413	10	PPPP	07610E	3310N	2688-04375	20	GGGG
07759E	1258N	2665-04160	30	GGGG	07700E	2600N	2686-04283	80	GGGG	07610E	1721N	2667-04261	90	GGGG
07758E	3432N	2669-04323	10	GGGG	07659E	3557N	2670-04375	30	GGGG	07606E	3306N	2670-04384	20	GGGG
07757E	3853N	2688-04361	0	PGGG	07658E	4014N	2671-04421	0	GGGG	07604E	3727N	2689-04422	20	FGGG
07754E	3847N	2670-04370	10	FFFG	07657E	2559N	2668-04292	70	GGGG	07603E	4145N	2690-04464	30	FGGG
07746E	2852N	2686-04274	10	GGGG	07656E	2015N	2685-04243	60	GGGG	07602E	4852N	2692-04560	90	GGGG
07744E	2849N	2668-04283	60	GGGG	07656E	1429N	2684-04203	10	PPPP	07601E	4140N	2672-04473	10	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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20158 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR N9N-US
FROM 12/01/76 TO 12/31/76

PAGE 0127

PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS
07559E	3725N	2671-04430	0	GGGG	12345678	07510E	4309N	2691-04520	100	GGGG	12345678	07428E	2723N	2670-04402	80	GFFG	12345678
07559E	2728N	2687-04335	0	GGGG		07510E	3435N	2689-04431	0	GGGG		07427E	5136N	2676-05072	40	GGGG	
07558E	4845N	2674-04565	0	GGGG		07509E	5004N	2657-05025	40	GGGG		07426E	2143N	2687-04353	30	GGGG	
07556E	5141N	2693-05005	30	GGGG		07509E	2431N	2669-04353	100	GGGG		07425E	2139N	2669-04362	90	GGGG	
07555E	5424N	2676-05063	50	FGGG		07508E	1847N	2686-04304	40	GGGG		07424E	5132N	2658-05081	10	GGGG	
07555E	2723N	2669-04344	100	GGGG		07507E	4304N	2673-04525	0	GGGG		07424E	1554N	2686-04313	20	GGGG	
07553E	1556N	2685-04255	0	GGGG		07507E	1301N	2667-04272	90	GGGG		07423E	1553N	2668-04321	70	GGGG	
07552E	5133N	2675-05014	0	GGGG		07506E	5256N	2658-05074	10	GGGG		07418E	3144N	2689-04440	0	F GG	
07551E	2140N	2686-04295	50	GGGG		07506E	4302N	2655-04533	60	GGGG		07416E	4437N	2692-04572	100	FGGG	
07549E	1554N	2667-04263	80	GGGG		07505E	3433N	2671-04435	20	GGGG		07414E	3142N	2671-04444	10	FGGG	
07548E	5128N	2657-05022	60	GGGG		07505E	1846N	2668-04312	90	GGGG		07410E	3602N	2690-04482	70	GGGG	
07544E	3145N	2688-04382	10	GGGG		07504E	3854N	2690-04473	50	FGGG		07408E	4019N	2691-04525	60	GGGG	
07543E	4434N	2691-04514	100	GGGG		07502E	3849N	2672-04482	0	GGGG		07408E	2600N	2688-04400	0	FGGG	
07540E	3140N	2670-04390	10	GGGG		07502E	3848N	2654-04490	40	FGGG		07406E	3558N	2672-04491	0	GGGG	
07539E	4428N	2673-04522	0	GGGG		07455E	2853N	2688-04391	10	PGGG		07406E	3557N	2654-04495	90	GGGG	
07536E	3601N	2689-04424	30	GGGG		07451E	2848N	2670-04395	60	FGGG		07405E	4013N	2673-04534	0	GGGG	
07535E	2602N	2687-04341	0	FGGG		07450E	4602N	2692-04565	100	GGGG		07405E	2556N	2670-04404	90	FFGG	
07533E	4020N	2690-04471	50	GGGG		07450E	1136N	2685-04270	40	GGGG		07404E	2016N	2687-04355	40	GGGG	
07532E	3559N	2671-04433	0	GGGG		07449E	2309N	2687-04350	10	GGG		07404E	1428N	2686-04315	10	GGGG	
07532E	2557N	2669-04350	100	PPPP		07447E	2305N	2669-04355	100	GGGG		07402E	2013N	2669-04364	90	GGGG	
07532E	1429N	2685-04261	10	FGGG		07447E	1135N	2667-04275	80	GGGG		07402E	1427N	2668-04324	60	FGGG	
07531E	4015N	2672-04480	0	GGGG		07446E	1721N	2686-04310	40	GGGG		07359E	4726N	2693-05021	80	GGGG	
07531E	4013N	2654-04484	20	GGGG		07444E	1720N	2668-04315	90	GGGG		07357E	4719N	2675-05030	0	GGGG	
07529E	2014N	2686-04301	60	GGGG		07443E	3310N	2689-04433	0	GGGG		07355E	4715N	2657-05034	10	GGGG	
07528E	1428N	2667-04270	80	GGGG		07439E	4144N	2691-04523	90	GGGG		07353E	3017N	2689-04442	0	GGGG	
07525E	4727N	2692-04563	100	GGGG		07439E	3308N	2671-04442	10	GGGG		07349E	5546N	2678-05173	10	FGGG	
07522E	4721N	2674-04571	0	GGGG		07437E	3728N	2690-04480	50	GGGG		07349E	5015N	2694-05070	70	GGGG	
07520E	3019N	2688-04384	10	PGGG		07436E	4851N	2693-05014	0	GGGG		07349E	3016N	2671-04451	10	GGGG	
07516E	5547N	2677-05115	40	FFGG		07435E	4139N	2673-04531	0	GGGG		07347E	5011N	2676-05075	40	FGGG	
07516E	3014N	2670-04393	30	GGGG		07434E	3724N	2672-04485	0	GGGG		07345E	2434N	2688-04402	10	FGGG	
07515E	5016N	2693-05012	10	FFGG		07434E	3722N	2654-04493	90	GGGG		07344E	5300N	2677-05124	10	FGGG	
07514E	5304N	2694-05061	30	FGGG		07433E	4844N	2675-05023	0	GGGG		07344E	5008N	2658-05083	40	GGGG	
07512E	5009N	2675-05021	0	GGGG		07432E	2727N	2688-04393	10	FGGG		07343E	4312N	2692-04574	70	GGGG	
07512E	2435N	2687-04344	10	GGGG		07431E	5139N	2694-05064	20	GGGG		07343E	3437N	2690-04485	30	GGGG	
07511E	1302N	2685-04264	10	GGGG		07431E	4839N	2657-05031	20	GGGG		07343E	1849N	2687-04362	30	GGGG	
07510E	5300N	2676-05070	50	GGGG		07429E	5423N	2677-05121	20	FFGG		07343E	1302N	2686-04322	10	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

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COORDINATE LISTING
FOR N9N-US
FROM 12/01/76 TO 12/31/76

PAGE 0128

PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS
LONG	LAT						LONG	LAT						LONG	LAT					
07342E	2430N	2670-04411	90	FFGG		07246E	4425N	2657-05043	10	GGGG		07154E	4554N	2658-05095	80	GGGG				
07342E	1301N	2668-04330	90	GGGG		07244E	3601N	2691-04541	50	GGGG		07154E	2306N	2671-04471	90	GFFG				
07340E	4302N	2656-04591	10	GGGG		07242E	4020N	2692-04583	80	GFFG		07151E	3310N	2691-04550	0	GGGG				
07340E	3432N	2672-04494	0	GGGG		07242E	2558N	2689-04454	0	GGGG		07148E	3306N	2673-04554	0	GGGG				
07340E	3431N	2654-04502	90	GGGG		07241E	4016N	2674-04592	0	FGGG		07146E	4145N	2693-05035	30	GFFG				
07340E	1846N	2669-04371	100	GGGG		07241E	3557N	2673-04545	0	GGGG		07145E	3729N	2692-04592	80	GGGG				
07339E	3853N	2691-04532	20	GGGG		07240E	2559N	2671-04462	90	FGGG		07144E	4140N	2675-05044	10	GGGG				
07338E	5255N	2659-05132	0	GGGG		07238E	2014N	2688-04414	10	FGGG		07144E	3725N	2674-05001	10	GGGG				
07336E	3848N	2673-04540	0	GGGG		07235E	2011N	2670-04422	100	FFFG		07143E	4846N	2677-05135	30	GGGF				
07329E	2851N	2689-04445	0	GGGG		07233E	4725N	2694-05075	30	GGGG		07142E	4135N	2657-05052	50	GGGG				
07326E	2851N	2671-04453	10	FGGG		07233E	0417S	2684-04255	40	GGGG		07139E	4842N	2659-05144	50	GGGG				
07324E	4601N	2693-05023	100	GGGG		07232E	4722N	2676-05084	40	GGGG		07138E	2727N	2690-04505	0	PPGF				
07323E	2307N	2688-04405	10	FGGF		07229E	4719N	2658-05092	90	GGGG		07137E	2723N	2672-04514	0	GGGG				
07322E	4555N	2675-05032	10	GGGG		07223E	3014N	2654-04513	0	GGGG		07135E	5422N	2679-05234	90	GFFG				
07322E	1723N	2687-04364	50	GGG		07222E	5545N	2679-05231	90	FFFG		07135E	5134N	2678-05185	10	FGGF				
07320E	4550N	2657-05040	20	GGGG		07221E	5011N	2677-05133	20	FGGG		07135E	2139N	2689-04465	10	GGGG				
07319E	2303N	2670-04413	90	FGGG		07219E	2431N	2689-04460	0	GGGG		07132E	2140N	2671-04474	90	GFFF				
07319E	1719N	2669-04373	60	GGGG		07217E	5258N	2678-05182	10	GFFG		07130E	5130N	2660-05193	20	GGGG				
07314E	3306N	2654-04804	30	GGGG		07217E	4311N	2693-05032	70	GGGG		07125E	3144N	2691-04552	0	FGGG				
07312E	4146N	2692-04581	70	GGGG		07217E	3435N	2691-04543	20	GGGG		07124E	4435N	2694-05084	100	FGGG				
07311E	4141N	2674-04585	0	GGGG		07217E	2432N	2671-04465	90	GFFG		07123E	4433N	2676-05093	70	FGGF				
07311E	3727N	2691-04534	50	GGGG		07217E	1848N	2688-04420	0	FGGF		07123E	3139N	2673-04561	0	GGGG				
07310E	4850N	2694-05073	70	GGGG		07216E	5008N	2659-05141	40	GGGG		07120E	4430N	2658-05101	80	GGGG				
07308E	4847N	2676-05081	40	GGGG		07216E	4305N	2675-05041	10	GGGG		07118E	3604N	2692-04595	20	GGGG				
07308E	3723N	2673-04543	0	GGGG		07214E	4300N	2657-05045	20	GGGG		07116E	4020N	2693-05041	40	GGGG				
07306E	4843N	2658-05090	50	GGGG		07214E	3432N	2673-04552	0	GGGG		07116E	3600N	2674-05003	10	GGGG				
07305E	2725N	2689-04451	0	GGGG		07214E	0545S	2702-04253	10	GGGG		07115E	2601N	2690-04512	0	FGGG				
07302E	5422N	2678-05180	10	FGGG		07213E	5254N	2660-05190	10	FGGG		07114E	4015N	2675-05050	10	GGGG				
07302E	2725N	2671-04460	60	GGG		07213E	3855N	2692-04590	90	GGGG		07113E	2557N	2672-04521	30	GGGG				
07301E	5135N	2677-05130	10	FGGG		07213E	1845N	2670-04425	90	FFFG		07113E	2012N	2689-04472	20	GGGG				
07300E	2141N	2688-04411	10	PPGG		07212E	3850N	2674-04594	10	GGGG		07112E	4010N	2657-05054	50	GGGG				
07257E	2137N	2670-04420	90	FGGF		07200E	2849N	2672-04512	0	FGGG		07110E	2014N	2671-04480	80	GGGF				
07256E	5131N	2659-05135	10	GGGG		07158E	4600N	2694-05082	100	GGGG		07109E	0417S	2685-04314	40	GGGG				
07249E	4436N	2693-05030	80	GGGF		07157E	4557N	2676-05090	60	GGGG		07109E	0418S	2703-04305	60	GGGG				
07248E	4430N	2675-05035	10	GGGG		07157E	2305N	2689-04463	0	GGGG		07106E	4721N	2677-05142	70	GGGG				
07248E	3140N	2654-04511	10	GGGG		07155E	0712S	2702-04260	10	GGGG		07102E	4717N	2659-05150	10	GGGG				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
07101E	3018N	2691-04555	0	0	FGGG	07011E	4841N	2660-05202	70	0	GGFG	06921E	3852N	2676-05111	10	0	GGGG
07059E	3013N	2673-04563	0	0	GGGG	07010E	5425N	2680-05292	70	0	PP	06920E	3429N	2657-05072	10	0	GGGG
07054E	5010N	2678-05191	10	0	GGGF	07007E	5134N	2679-05243	90	0	GGGG	06918E	5253N	2662-05303	30	0	GGGG
07052E	4310N	2694-05091	70	0	FGGG	07007E	2142N	2690-04523	0	0	GGGG	06918E	3848N	2658-05115	90	0	GGGG
07052E	3438N	2692-05001	0	0	GGGG	07006E	2138N	2672-04532	90	0	GGGG	06909E	2850N	2674-05024	0	0	GGGG
07052E	2435N	2690-04514	0	0	FGGG	07005E	2139N	2654-04540	0	0	GGGG	06903E	2306N	2691-04575	0	0	FGGG
07051E	4307N	2676-05095	30	0	GGGG	07003E	5130N	2661-05251	50	0	GGGG	06902E	2303N	2673-04584	40	0	GGGG
07051E	2431N	2672-04523	70	0	GGGG	07000E	3146N	2692-05010	0	0	GGGG	06901E	2303N	2655-04592	30	0	GGGG
07051E	1845N	2689-04474	10	0	GGGG	06958E	3142N	2674-05015	0	0	GGGG	06900E	4552N	2660-05211	50	0	FGGG
07050E	5258N	2679-05240	90	0	GFGE	06957E	4432N	2677-05151	100	0	GFGE	06900E	3310N	2693-05062	10	0	GGGG
07050E	0545S	2703-04312	30	0	GGGG	06954E	4429N	2659-05155	60	0	GGGG	06857E	3307N	2675-05071	0	0	GGGG
07049E	5006N	2660-05195	60	0	GFGE	06952E	3603N	2693-05053	0	0	GGGG	06854E	4142N	2677-05160	90	0	GGGG
07049E	3434N	2674-05010	0	0	GGGG	06951E	4018N	2694-05100	60	0	GGGG	06854E	3727N	2694-05105	10	0	GGGG
07049E	2430N	2654-04531	0	0	GGGG	06950E	4017N	2676-05104	10	0	GGGG	06854E	3304N	2691-05075	10	0	GGGG
07048E	4305N	2658-05104	80	0	GFGE	06950E	3558N	2675-05062	10	0	GGGG	06852E	3726N	2676-05113	10	0	GGGG
07047E	3854N	2693-05044	30	0	GGGG	06950E	2559N	2691-04570	0	0	FGGG	06850E	4139N	2659-05164	10	0	GGGG
07046E	5254N	2661-05245	90	0	GGGG	06948E	2556N	2673-04575	0	0	GGGG	06850E	3723N	2658-05122	90	0	GGGG
07045E	3850N	2675-05053	10	0	GGGG	06947E	4013N	2658-05113	80	0	GGGG	06849E	4845N	2679-05252	20	0	GGGF
07043E	3845N	2657-05061	80	0	GGGG	06947E	3554N	2657-05070	30	0	GGGG	06848E	5143N	2698-05292	10	0	FFFF
07037E	2852N	2691-04561	0	0	FGGG	06945E	2015N	2690-04530	20	0	GGPG	06848E	2727N	2692-05022	0	0	GGGG
07031E	4557N	2677-05144	90	0	GGGG	06944E	2011N	2672-04535	70	0	GGGG	06846E	5424N	2681-05350	90	0	FGFF
07030E	2308N	2690-04521	0	0	GFGE	06935E	3020N	2692-05013	0	0	FGGG	06846E	2724N	2674-05030	0	0	GGGG
07030E	0712S	2703-04314	40	0	GGGG	06934E	4717N	2660-05204	10	0	GGGG	06844E	5136N	2680-05301	80	0	GGGG
07028E	2304N	2672-04530	90	0	GGGG	06933E	5548N	2681-05344	80	0	PGFF	06841E	2139N	2691-04582	0	0	GGGF
07027E	4553N	2659-05153	80	0	GGGG	06933E	3016N	2674-05021	0	0	GGGG	06840E	2137N	2673-04590	30	0	GGGG
07027E	2304N	2654-04534	0	0	GGGG	06931E	5308N	2698-05290	10	0	PPPF	06837E	5129N	2662-05305	70	0	GGGG
07026E	3312N	2692-05004	0	0	FGGG	06927E	5009N	2679-05245	70	0	GGGG	06835E	3144N	2693-05064	0	0	GGGG
07023E	3308N	2674-05012	0	0	GGGG	06926E	5300N	2680-05294	90	0	PFPP	06832E	3141N	2675-05073	0	0	GGGG
07021E	4144N	2694-05093	20	0	GGGG	06926E	3437N	2693-05055	10	0	GGFG	06829E	3138N	2657-05081	0	0	GGGG
07020E	4142N	2676-05102	20	0	GGGG	06926E	2433N	2691-04573	0	0	GGGG	06827E	4427N	2660-05213	90	0	GGGG
07020E	3728N	2693-05050	10	0	GGGG	06925E	4307N	2677-05153	100	0	GGGG	06826E	3601N	2694-05111	10	0	FGGG
07017E	4139N	2658-05110	90	0	GGGG	06925E	2429N	2673-04581	20	0	GGGG	06825E	3601N	2676-05120	10	0	GGGG
07017E	3724N	2675-05055	10	0	GGGG	06923E	5006N	2661-05254	10	0	GGGG	06824E	4016N	2677-05162	90	0	FGGG
07016E	4845N	2678-05194	10	0	FGGF	06923E	3432N	2675-05064	0	0	GGGG	06824E	2601N	2692-05024	0	0	GGGG
07014E	3720N	2657-05063	80	0	GGGG	06922E	3853N	2694-05102	10	0	GGGG	06822E	3558N	2658-05124	90	0	GGGG
07013E	2726N	2691-04564	0	0	GGGG	06921E	4304N	2659-05162	30	0	GGGG	06822E	2558N	2674-05033	0	0	GGGG

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COORDINATE LISTING
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PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS
06820E	4014N	2659-05171	30	GGGG	12345678	06723E	3723N	2659-05180	60	GGGG	12345678	06633E	5259N	2682-05411	40	FPGG	12345678
06820E	2013N	2691-04584	10	GGGG		06722E	5142N	2699-05350	10	FFFF		06633E	5005N	2663-05370	70	GGGF	
06818E	2011N	2673-04593	20	GGGG		06722E	2726N	2693-05080	0	GGGG		06632E	5253N	2664-05415	90	GGGG	
06812E	4720N	2679-05254	10	GGGG		06720E	2723N	2675-05085	0	PGGG		06632E	4305N	2679-05270	80	GGGG	
06810E	3018N	2693-05071	0	GGGG		06719E	4841N	2662-05314	70	GGGG		06632E	3434N	2677-05180	0	GGGG	
06809E	4717N	2661-05263	10	GGGG		06718E	5136N	2681-05355	80	GGGG		06630E	2429N	2657-05102	10	GGGG	
06808E	5018N	2698-05295	50	PPPP		06717E	5423N	2682-05404	40	FFGG		06629E	4302N	2661-05274	90	GGGG	
06808E	3015N	2675-05080	0	GGGG		06717E	5417N	2664-05413	50	FGFF		06629E	3432N	2659-05185	10	GGGG	
06805E	3012N	2657-05084	0	GGGG		06717E	2720N	2657-05093	0	GGGG		06628E	3849N	2678-05223	90	GGGG	
06804E	5012N	2680-05303	80	FFFF		06717E	2140N	2692-05040	20	GGGF		06626E	3848N	2660-05231	50	GGGG	
06803E	5540N	2664-05410	40	GGGG		06715E	2139N	2674-05044	10	GGGG		06619E	2852N	2694-05132	0	PGGG	
06801E	5300N	2681-05353	90	FGGG		06708E	3143N	2694-05123	10	GGGG		06617E	2852N	2676-05140	0	GGGG	
06801E	2435N	2692-05031	0	GGGG		06706E	3144N	2676-05131	0	GGFF		06616E	4604N	2698-05310	40	PPP	
06800E	2432N	2674-05035	0	GGGG		06704E	4430N	2679-05263	80	GGGG		06615E	2850N	2658-05145	0	GGGG	
06759E	3435N	2694-05114	0	GGGG		06704E	3141N	2658-05140	0	GGGG		06614E	4558N	2680-05315	10	FFPF	
06758E	3435N	2676-05122	0	GGGG		06702E	4427N	2661-05272	50	GGGG		06613E	2308N	2693-05091	10	GGFF	
06757E	5005N	2662-05312	50	GGGG		06659E	3600N	2677-05174	10	GGGG		06611E	2304N	2675-05100	0	FGGG	
06755E	5252N	2663-05361	90	GGGG		06658E	2601N	2693-05082	0	GGGG		06608E	4552N	2662-05323	70	GGGG	
06755E	4302N	2660-05220	60	FGGG		06657E	4014N	2678-05221	90	GGGG		06608E	2302N	2657-05104	10	GGGG	
06754E	3851N	2677-05165	90	FFGG		06657E	2556N	2675-05091	0	GGGG		06607E	3308N	2677-05183	0	FGGG	
06751E	3849N	2659-05173	40	GGGG		06656E	3557N	2659-05182	70	GGGG		06604E	3306N	2659-05191	0	GGGG	
06746E	2852N	2693-05073	0	GGGG		06655E	4012N	2660-05225	70	GGGG		06602E	4853N	2699-05355	40	FFFF	
06744E	2849N	2675-05082	0	FFFF		06655E	2014N	2692-05042	20	GGGF		06601E	4140N	2679-05272	70	GGGG	
06740E	2846N	2657-05090	0	GGGG		06653E	2554N	2657-05095	0	GGGG		06559E	4846N	2681-05364	90	FGGG	
06739E	2307N	2692-05033	10	GGGG		06653E	2013N	2674-05051	10	GGGG		06559E	3724N	2678-05230	90	GGGG	
06737E	4555N	2679-05261	40	GGGG		06652E	4729N	2698-05304	40	FFFF		06558E	4137N	2661-05281	80	GGGG	
06737E	2306N	2674-05042	0	GGGG		06650E	4723N	2680-05312	20	FFFF		06558E	3722N	2660-05234	10	GGGG	
06735E	4552N	2661-05265	10	GGGG		06643E	4717N	2662-05321	90	FGGG		06555E	5142N	2700-05405	0	PPPP	
06733E	3309N	2694-05120	0	GGGG		06643E	3017N	2694-05125	0	GGGG		06555E	4841N	2663-05373	90	GGGF	
06732E	3310N	2676-05125	0	GGGG		06641E	5018N	2699-05353	20	FFFF		06555E	2726N	2694-05134	0	FGGG	
06729E	4854N	2698-05301	90	FFFF		06641E	3018N	2676-05134	0	GGGF		06554E	5423N	2683-05462	10	FGGG	
06729E	3307N	2658-05133	0	GGGG		06639E	3016N	2658-05142	0	GGGG		06554E	2726N	2676-05143	0	GGGF	
06727E	4140N	2678-05214	90	FFFF		06637E	5306N	2700-05402	0	PPPP		06551E	5134N	2682-05413	40	GGGG	
06726E	4847N	2680-05310	70	GGGG		06637E	5011N	2681-05362	90	GGGG		06551E	2723N	2658-05151	0	GGGG	
06726E	3725N	2677-05171	40	GGGG		06635E	2434N	2693-05085	10	GGFF		06550E	2141N	2693-05094	40	GGFF	
06725E	4137N	2660-05222	60	GGGG		06634E	2430N	2675-05094	0	FGGG		06549E	5129N	2664-05422	50	GGGG	

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COORDINATE LISTING
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PAGE 0131

PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
06548E	2138N	2675-05103	0	FGGF	06502E	1843N	2657-05120	10	GGGG	06404E	4018N	2680-05333	40	GGGG
06547E	5417N	2665-05471	90	GGGF	06501E	3849N	2679-05281	40	GGGG	06404E	2600N	2677-05203	0	GGGG
06545E	2135N	2657-05111	10	GFGG	06459E	3846N	2661-05290	0	GGGG	06403E	3555N	2661-05295	0	GGGG
06542E	4439N	2698-05313	80	PPP	06452E	2851N	2677-05194	0	GGGG	06402E	4012N	2662-05341	10	GGGG
06541E	3142N	2677-05185	0	GGGG	06450E	4603N	2699-05364	90	FFFF	06402E	2557N	2659-05212	0	GGGG
06540E	4433N	2680-05321	20	PPPG	06449E	4558N	2681-05373	0	GGGG	06359E	4728N	2700-05420	10	GGGG
06538E	3140N	2659-05194	0	GGGG	06449E	2849N	2659-05203	0	GGGG	06359E	2013N	2658-05172	10	GGGF
06535E	4427N	2662-05330	30	GGGG	06447E	2306N	2694-05150	10	GGFG	06354E	4722N	2682-05425	0	GGGG
06532E	3558N	2678-05232	90	GFGG	06445E	2307N	2676-05154	0	FFFF	06352E	4716N	2664-05433	40	FGGG
06532E	2600N	2694-05141	0	FGGG	06444E	4552N	2663-05382	40	FGGG	06348E	3016N	2678-05250	30	FGGF
06530E	4014N	2679-05275	70	GGGG	06442E	2305N	2658-05163	10	FGGG	06346E	3014N	2660-05254	0	GGGG
06530E	3557N	2660-05240	0	GGGG	06439E	3307N	2678-05241	40	GGFG	06345E	5011N	2683-05474	10	GGGG
06530E	2600N	2676-05145	0	FGGG	06438E	4148N	2698-05322	80	GGGG	06344E	4313N	2699-05373	90	GGGP
06528E	4012N	2661-05283	10	GGFG	06437E	3307N	2660-05245	0	GGGG	06343E	5302N	2684-05523	20	PPPP
06528E	2557N	2658-05154	0	GGGG	06435E	4853N	2700-05414	10	GGGG	06343E	4307N	2681-05382	0	GGGG
06528E	2014N	2693-05100	40	GGGG	06435E	4143N	2680-05330	60	FFFG	06342E	2433N	2677-05210	10	GFGG
06526E	2012N	2675-05105	0	FGGG	06433E	3723N	2679-05284	10	GGGG	06340E	5005N	2665-05482	40	GGGG
06525E	4728N	2699-05362	70	FGGF	06432E	4137N	2662-05335	20	PGGG	06339E	4302N	2663-05391	10	FGFG
06524E	2009N	2657-05113	10	GGGG	06431E	4846N	2682-05422	40	GGGG	06339E	3432N	2679-05293	0	GGGG
06523E	4722N	2681-05371	40	GFGG	06431E	3721N	2661-05292	0	GGGG	06339E	2431N	2659-05214	10	GGGG
06519E	4716N	2663-05375	90	GGGG	06430E	4841N	2664-05431	50	FGGG	06338E	3856N	2698-05331	100	FGGG
06516E	3016N	2677-05192	0	GGFG	06428E	5427N	2684-05521	20	PPPP	06336E	3429N	2661-05301	0	GGGG
06514E	5017N	2700-05411	10	GGGG	06428E	2726N	2677-05201	0	GGGG	06335E	3852N	2680-05335	10	GGGG
06514E	3015N	2659-05200	0	GGGG	06426E	5135N	2683-05471	10	GGGG	06333E	3847N	2662-05344	0	GGGG
06510E	5010N	2682-05420	60	GGGG	06425E	2723N	2659-05205	0	GGGG	06324E	2850N	2678-05253	20	FGGF
06509E	5259N	2683-05465	10	GGGG	06424E	2139N	2694-05152	10	FGFF	06323E	4603N	2700-05423	0	FGGG
06509E	4313N	2698-05315	90	GGGG	06423E	2140N	2676-05161	0	FFFF	06322E	2848N	2660-05261	0	GGGG
06509E	2433N	2694-05143	10	GGFG	06420E	5129N	2665-05480	50	GGGG	06319E	4557N	2682-05431	0	GGGG
06508E	5005N	2664-05424	50	GGGG	06420E	2139N	2658-05165	10	GGGF	06319E	2306N	2677-05212	10	PGGG
06508E	2433N	2676-05152	0	PPFF	06417E	4438N	2699-05371	80	FGGF	06317E	4551N	2664-05440	20	FGGF
06506E	4308N	2680-05324	60	FPPG	06416E	4432N	2681-05380	10	GGGG	06316E	2305N	2659-05221	10	GGGG
06505E	3432N	2678-05235	80	GGGG	06413E	3142N	2678-05244	40	GGGG	06313E	4147N	2699-05380	30	GGGF
06505E	2431N	2658-05160	0	FGGF	06411E	4427N	2663-05384	0	FGGG	06313E	3307N	2679-05295	10	GGGG
06503E	5253N	2665-05473	60	GGGG	06411E	3140N	2660-05252	0	GGGG	06312E	4142N	2681-05385	20	FGGG
06503E	4303N	2662-05332	30	GGFF	06408E	4022N	2698-05324	90	GGGG	06310E	3731N	2698-05333	70	GGGG
06503E	3432N	2660-05243	0	GGGF	06406E	3557N	2679-05290	10	GGGG	06310E	3304N	2561-05304	0	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

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FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0132

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS
LONG LAT			12345678	LONG LAT			12345678	LONG LAT			12345678
06307E 4846N	2683-05480	10	GGGG	06213E 3436N	2680-05351	10	PFFG	06112E 3555N	2663-05411	10	FFGG
06307E 4137N	2663-05393	10	FGGG	06212E 5256N	2667-05590	20	FFFP	06112E 2557N	2679-05320	10	GGGG
06307E 3727N	2680-05342	10	GGGG	06212E 2430N	2660-05272	20	GGGG	06111E 4017N	2682-05445	20	FFGG
06305E 3721N	2662-05350	10	FGFG	06211E 4301N	2664-05445	0	FGFG	06109E 4011N	2664-05454	0	FFGG
06302E 5426N	2685-05575	50	GGGG	06210E 3852N	2681-05394	30	GGGG	06109E 2555N	2661-05324	10	GGGG
06302E 4840N	2665-05485	10	GGGG	06210E 3430N	2662-05355	0	FGGG	06104E 4724N	2684-05541	10	PPPF
06301E 2724N	2678-05255	10	FGGF	06207E 3846N	2663-05402	10	FGFF	06100E 3021N	2698-05354	20	PPP
06300E 5138N	2684-05530	10	PPPP	06158E 2850N	2679-05311	0	GGGG	06056E 3018N	2680-05362	0	PFFG
06259E 2722N	2660-05263	0	GGGG	06156E 2847N	2671-05315	10	GGGG	06054E 3013N	2662-05371	0	GGGG
06257E 5420N	2667-05583	10	FGFF	06154E 4556N	2683-05485	0	GGGG	06053E 5013N	2685-05590	0	FGGG
06257E 2140N	2677-05215	10	FGGG	06153E 2306N	2678-05271	10	FGGF	06051E 3439N	2699-05400	60	PFFG
06254E 2139N	2659-05223	10	GGGG	06151E 4551N	2665-05494	30	GGGG	06050E 5301N	2686-06035	0	GGFG
06250E 4438N	2700-05425	0	GGGG	06150E 2304N	2660-05275	10	GGGG	06049E 5007N	2667-05595	10	GGGG
06247E 3141N	2679-05302	10	GGGG	06147E 3310N	2680-05353	10	PPPG	06049E 2431N	2679-05322	10	GGGG
06245E 4432N	2682-05434	0	PPPP	06146E 4147N	2700-05434	10	GGFG	06048E 4306N	2683-05494	0	GGGG
06245E 3138N	2661-05391	10	GGGG	06145E 3731N	2699-05391	70	GGFG	06047E 3855N	2700-05443	90	GGGG
06243E 4426N	2664-05442	10	PFFG	06144E 3305N	2662-05362	0	GGGG	06047E 3435N	2681-05405	50	GGGG
06243E 3605N	2698-05340	90	GGGG	06141E 4848N	2684-05535	0	PPPP	06047E 2429N	2661-05331	10	FGGF
06242E 4022N	2699-05382	70	GGGG	06141E 4142N	2682-05443	20	PFFG	06045E 5255N	2668-06044	0	GGGP
06240E 4017N	2681-05391	10	FGGG	06141E 3726N	2681-05400	0	GGGG	06045E 4301N	2665-05503	10	GGGG
06240E 3601N	2680-05344	10	GGGG	06140E 4136N	2664-05451	0	FGFF	06045E 3430N	2663-05414	0	FGGG
06238E 2558N	2678-05262	20	GGGG	06139E 3721N	2663-05405	10	FFGG	06043E 3851N	2682-05452	0	FGGF
06237E 4012N	2663-05400	10	FGFG	06135E 5425N	2686-06033	10	FGGG	06040E 3846N	2664-05460	10	FFGG
06237E 3556N	2662-05353	10	FGGG	06135E 2723N	2679-05313	0	GGGG	06036E 2855N	2698-05360	30	FFFF
06235E 2556N	2660-05270	10	GGGG	06134E 5138N	2685-05584	10	GGGG	06032E 2851N	2680-05365	0	PFFG
06232E 2013N	2659-05230	10	GGGG	06132E 2721N	2661-05322	0	GGGG	06030E 2847N	2662-05373	0	GGGG
06230E 4721N	2683-05483	0	GGGG	06131E 5419N	2668-06041	10	GGFP	06028E 4600N	2684-05544	0	PPPP
06226E 4715N	2665-05491	60	GGGG	06129E 5132N	2667-05592	10	GGGF	06024E 3313N	2699-05403	10	PPFP
06222E 3016N	2679-05304	0	GGGG	06124E 3147N	2698-05351	40	GGGF	06021E 3310N	2681-05412	40	GGGG
06220E 3012N	2661-05313	70	FGGG	06121E 3144N	2680-05360	0	PFFG	06020E 3304N	2663-05420	0	FGGG
06219E 5013N	2684-05532	10	PPPP	06120E 4431N	2683-05492	10	FGGG	06019E 3730N	2700-05450	70	GGGG
06218E 5302N	2685-05581	40	GGGG	06119E 3139N	2662-05364	0	GGGG	06017E 4141N	2683-05501	0	GFFG
06217E 4312N	2700-05432	0	GGGG	06118E 4426N	2665-05500	30	GGGG	06014E 4849N	2685-05593	0	GGGF
06216E 4339N	2698-05342	50	FFFP	06117E 3605N	2699-05394	90	FGGG	06014E 4135N	2665-05505	10	GGGG
06213E 4307N	2682-05440	0	PPPP	06116E 4021N	2700-05441	80	GGGG	06014E 3726N	2682-05454	30	FFFF
06213E 3857N	2699-05385	40	FFFG	06114E 3601N	2681-05403	0	GGGG	06012E 3720N	2664-05463	0	GGFF

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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20158 JAN 13, 177

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0133

PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
06012E	2728N	2698-05363	60	GGGG		05859E	3312N	2700-05461	20	GGGG		05739E	2846N	2664-05490	30	FFGF	
06009E	5429N	2687-06091	0	GGGG		05855E	3308N	2682-05470	50	GGGG		05737E	4559N	2686-06060	60	GGGG	
06008E	2725N	2680-05371	10	PPFG		05852E	3303N	2664-05474	10	FGGG		05734E	4553N	2668-06064	10	PPPG	
06007E	5136N	2686-06042	0	GGGF		05851E	4144N	2684-05555	10	PPPP		05730E	3308N	2683-05524	0	GGGG	
06006E	2721N	2662-05380	0	GGGG		05850E	3725N	2683-05512	90	GGGG		05727E	3304N	2665-05532	10	FGGG	
06004E	5418N	2669-06100	20	GGGG		05848E	4848N	2686-06051	0	GGGG		05724E	3727N	2684-05571	10	PPPG	
06003E	5131N	2668-06050	0	GGGP		05847E	3720N	2665-05521	0	GGGG		05723E	4851N	2687-06105	10	PPGG	
05959E	3147N	2699-05405	20	PPFF		05846E	2729N	2699-05421	20	PGFG		05723E	4143N	2685-06013	10	GGGG	
05956E	3144N	2681-05414	20	FGGG		05843E	2725N	2681-05430	20	FGGG		05723E	4138N	2667-06022	0	PPPP	
05954E	4435N	2684-05550	0	PPFP		05842E	5140N	2687-06100	10	PGFG		05720E	2728N	2700-05475	70	GGGG	
05954E	3139N	2663-05423	0	FGGG		05841E	2721N	2663-05434	20	PPGG		05718E	4842N	2669-06114	90	GGGG	
05951E	3604N	2700-05452	60	GGGG		05837E	5130N	2669-06105	90	GGGG		05715E	5139N	2688-06154	50	FGGG	
05948E	2602N	2698-05365	40	PPPF		05833E	3147N	2700-05464	20	GGFG		05715E	2721N	2664-05492	10	FGGF	
05947E	4017N	2683-05503	20	FFPG		05830E	3142N	2682-05472	20	FGFG		05713E	5130N	2670-06163	90	GGGF	
05947E	3600N	2682-05461	60	FFFF		05827E	4434N	2685-06004	50	FGGG		05705E	3142N	2683-05530	0	GGGG	
05944E	4010N	2665-05512	0	GGGG		05827E	3138N	2664-05481	10	FFFF		05702E	4433N	2686-06062	100	GGGG	
05944E	3554N	2664-05465	0	FGGF		05823E	3600N	2683-05515	80	GGGG		05702E	3138N	2665-05535	10	GGGG	
05943E	2555N	2662-05382	10	FGGG		05823E	2602N	2699-05423	10	FGGP		05700E	4428N	2668-06071	60	PPPG	
05937E	4724N	2685-05595	0	GGGG		05821E	4020N	2684-05562	10	PPPP		05657E	3602N	2684-05573	10	PPPG	
05934E	3021N	2699-05412	40	PGGG		05820E	2558N	2681-05432	80	FGGG		05654E	2557N	2682-05490	40	GGGF	
05931E	3017N	2681-05421	40	FGGG		05819E	3555N	2665-05523	0	GGGG		05653E	4019N	2685-06020	10	FGGG	
05930E	3013N	2663-05425	10	FGGG		05818E	2555N	2663-05441	10	PPGP		05653E	4013N	2667-06024	0	PPPF	
05927E	5012N	2686-06044	0	GGGG		05812E	4724N	2686-06053	0	GFGG		05646E	4726N	2687-06112	10	FGGG	
05925E	2436N	2698-05372	30	PPPP		05809E	4718N	2668-06062	10	PPPG		05642E	4717N	2669-06120	30	GGGG	
05924E	5304N	2687-06094	0	GGGG		05808E	3021N	2700-05470	20	GGGG		05640E	3016N	2683-05533	0	GGGG	
05924E	3438N	2700-05455	30	FGGG		05805E	3016N	2682-05475	0	FGGP		05638E	3011N	2665-05541	30	GGGG	
05922E	4309N	2684-05553	0	PPPF		05803E	3012N	2664-05483	30	GFGG		05634E	5014N	2688-06161	20	FFGG	
05922E	2433N	2680-05380	10	GFPG		05802E	5015N	2687-06103	40	PPGG		05632E	5005N	2670-06165	100	GGGF	
05921E	3434N	2682-05463	60	GFFF		05757E	5303N	2688-06152	30	FGFG		05630E	5257N	2671-06214	100	FGGF	
05918E	3851N	2683-05510	80	GGGG		05757E	5006N	2669-06111	90	GGGG		05630E	3437N	2684-05580	0	PPPF	
05918E	3428N	2664-05472	10	FFGG		05756E	3434N	2683-05521	40	GGGG		05629E	4308N	2686-06065	20	GGGG	
05915E	3845N	2665-05514	0	FGGG		05755E	5254N	2670-06160	90	GGGG		05628E	4303N	2668-06073	0	PPGG	
05910E	2855N	2699-05414	50	PGFF		05754E	4309N	2685-06011	40	GGGG		05624E	3853N	2685-06022	0	GGGG	
05906E	2851N	2681-05423	10	FGGG		05753E	3430N	2665-05530	0	GGGG		05624E	3848N	2667-06031	10	PGFF	
05905E	2847N	2663-05432	0	PPGG		05751E	3855N	2684-05564	30	PPPF		05616E	2849N	2683-05535	0	GGGG	
05902E	4559N	2685-06002	10	GGGG		05744E	2855N	2700-05473	30	GGGG		05613E	2845N	2665-05544	0	GGGG	

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LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0134

PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC %	QUALITY RBV MSS	
LONG	LAT						LONG	LAT						LONG	LAT						
05610E	4601N	2687-06114	90	GGGG	05431E	4137N	2669-06134	40	GGGG	05245E	3140N	2668-06105	10	GGGG	05245E	3140N	2668-06105	10	GGGG		
05607E	4553N	2669-06123	50	GGGG	05431E	3727N	2686-06083	40	GGGG	05243E	4430N	2671-06241	60	FGGF	05243E	4430N	2671-06241	60	FGGF		
05604E	3311N	2684-05582	0	PPPP	05430E	3722N	2668-06091	0	PPPP	05242E	4434N	2689-06233	100	GGGG	05242E	4434N	2689-06233	100	GGGG		
05558E	4142N	2686-06071	10	GGGG	05428E	4848N	2689-06221	50	FGGG	05233E	5829N	2658-06492	90	GGGG	05233E	5829N	2658-06492	90	GGGG		
05557E	4138N	2668-06080	10	PFFP	05428E	4844N	2671-06230	90	FGGF	05227E	4726N	2690-06282	60	GGGG	05227E	4726N	2690-06282	60	GGGG		
05556E	4849N	2688-06163	50	FGGF	05425E	2723N	2666-06005	10	FGGG	05225E	4719N	2672-06291	20	GGGG	05225E	4719N	2672-06291	20	GGGG		
05556E	3728N	2685-06025	10	GGFG	05424E	5140N	2690-06271	80	PFFG	05220E	3014N	2668-06112	10	GGFG	05220E	3014N	2668-06112	10	GGFG		
05556E	3722N	2667-06033	10	PFFP	05421E	5132N	2672-06275	20	GGGG	05216E	5014N	2691-06331	90	GGGG	05216E	5014N	2691-06331	90	GGGG		
05554E	4841N	2670-06172	90	GGFG	05411E	3145N	2685-06043	0	GGGG	05213E	5007N	2673-06340	70	GGGF	05213E	5007N	2673-06340	70	GGGF		
05550E	2720N	2665-05550	10	GGGG	05411E	3141N	2667-06051	60	GGGG	05212E	3438N	2687-06150	10	GGGG	05212E	3438N	2687-06150	10	GGGG		
05547E	5133N	2671-06221	100	GGGG	05410E	4435N	2688-06175	90	GGGG	05211E	4305N	2671-06244	50	FGGF	05211E	4305N	2671-06244	50	FGGF		
05539E	3145N	2684-05585	0	PPPP	05408E	4427N	2670-06183	70	FGGG	05210E	4308N	2689-06235	100	GGGG	05210E	4308N	2689-06235	100	GGGG		
05537E	4436N	2687-06121	80	GGFG	05404E	3601N	2686-06085	40	GGGG	05209E	3431N	2669-06155	0	GGGG	05209E	3431N	2669-06155	0	GGGG		
05534E	4428N	2669-06125	90	GGGG	05403E	3557N	2668-06094	0	PFFG	05207E	5253N	2656-06393	100	GGGG	05207E	5253N	2656-06393	100	GGGG		
05529E	3602N	2685-06031	0	GGGG	05352E	4724N	2689-06224	60	GGGG	05156E	2848N	2668-06114	0	GGGG	05156E	2848N	2668-06114	0	GGGG		
05529E	3557N	2667-06040	0	PPFF	05352E	4720N	2671-06232	70	GGGF	05152E	4601N	2690-06285	90	GGGG	05152E	4601N	2690-06285	90	GGGG		
05528E	4017N	2686-06074	10	GGGG	05348E	3020N	2703-06041	0	GGFG	05150E	4554N	2672-06293	70	GGGG	05150E	4554N	2672-06293	70	GGGG		
05527E	4013N	2668-06082	0	PFFF	05346E	3015N	2667-06054	30	GGGG	05146E	3311N	2687-06153	10	GGGG	05146E	3311N	2687-06153	10	GGGG		
05527E	2554N	2665-05553	0	GGGG	05344E	5016N	2690-06273	50	FGGF	05143E	3305N	2669-06161	0	FGGG	05143E	3305N	2669-06161	0	FGGG		
05519E	4725N	2688-06170	40	GGFG	05341E	5008N	2672-06282	10	GGGG	05140E	4139N	2671-06250	50	GGGF	05140E	4139N	2671-06250	50	GGGF		
05517E	4716N	2670-06174	90	FFFG	05338E	4309N	2688-06181	90	GGGG	05138E	5706N	2658-06494	80	GGGG	05138E	5706N	2658-06494	80	GGGG		
05514E	3018N	2684-05591	0	PPPP	05337E	3436N	2686-06092	10	GGGG	05138E	4849N	2691-06334	100	GGGG	05138E	4849N	2691-06334	100	GGGG		
05507E	5012N	2689-06215	10	GGGG	05335E	4302N	2670-06190	80	GGFG	05138E	3721N	2670-06204	10	GGGG	05138E	3721N	2670-06204	10	GGGG		
05507E	5008N	2671-06223	90	GGGF	05324E	2854N	2703-06043	0	GGGG	05135E	4843N	2673-06342	10	GGGF	05135E	4843N	2673-06342	10	GGGF		
05504E	4311N	2687-06123	30	GGGG	05322E	2850N	2667-06060	10	GGGG	05127E	5416N	2657-06445	90	GGGG	05127E	5416N	2657-06445	90	GGGG		
05503E	3432N	2667-06042	0	PFFP	05317E	4554N	2671-06235	70	GGGF	05125E	5129N	2656-06400	90	GGGG	05125E	5129N	2656-06400	90	GGGG		
05502E	4302N	2669-06132	80	GGGG	05316E	4559N	2689-06230	60	GGFG	05121E	3145N	2687-06155	50	GGGG	05121E	3145N	2687-06155	50	GGGG		
05502E	3437N	2685-06034	0	GGGG	05310E	3306N	2668-06103	10	FGGG	05118E	4436N	2690-06291	70	GGGG	05118E	4436N	2690-06291	70	GGGG		
05459E	3852N	2686-06080	40	GGGG	05307E	4144N	2688-06184	70	FGGG	05118E	3139N	2669-06164	0	GGGG	05118E	3139N	2669-06164	0	GGGG		
05458E	3848N	2668-06085	0	PFFP	05305E	4851N	2690-06280	70	FGGG	05116E	4429N	2672-06300	80	GGGG	05116E	4429N	2672-06300	80	GGGG		
05449E	2849N	2666-06002	0	GGGG	05302E	4843N	2672-06284	0	GGGG	05110E	4014N	2671-06253	40	FGGG	05110E	4014N	2671-06253	40	FGGG		
05444E	4600N	2688-06172	90	GGGG	05300E	2727N	2703-06050	0	GGGG	05109E	4018N	2689-06244	80	GGGG	05109E	4018N	2689-06244	80	GGGG		
05442E	4552N	2670-06181	90	GGGG	05259E	2724N	2667-06063	0	GGGG	05107E	4012N	2653-06261	90	GGGG	05107E	4012N	2653-06261	90	GGGG		
05437E	3306N	2667-06045	10	PFFP	05256E	5139N	2691-06325	10	GGGG	05101E	4725N	2691-06340	50	FGGG	05101E	4725N	2691-06340	50	FGGG		
05436E	3311N	2685-06040	0	GGGG	05253E	5132N	2673-06333	70	GGGG	05059E	4718N	2673-06345	10	GGFF	05059E	4718N	2673-06345	10	GGFF		
05433E	4145N	2687-06130	40	GGGG	05252E	5417N	2656-06391	100	GGGG	05056E	3019N	2687-06162	10	GGGG	05056E	3019N	2687-06162	10	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.

IMAGE QUALITY BLANKS, BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20158 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR N9N-US
FROM 12/01/76 TO 12/31/76

PAGE 0135

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS
LONG LAT			12345678	LONG LAT			12345678	LONG LAT			12345678
05053E 3014N	2669-06170	0	GGGF	04847E 4138N	2673-06363	50	GGGG	04719E 4136N	2656-06425	60	GGGG
05051E 5546N	2676-06492	10	FGF	04847E 3729N	2690-06312	10	GGGG	04718E 4847N	2676-06513	50	GGF
05051E 5016N	2692-06385	60	GFFG	04846E 4137N	2655-06371	90	GGGG	04718E 3722N	2655-06383	10	GGGG
05048E 5542N	2658-06501	30	GGGG	04845E 3722N	2654-06324	50	GGGG	04716E 4843N	2658-06521	90	GGGG
05046E 4310N	2690-06294	90	GGGG	04842E 5141N	2694-06495	100	GF G	04715E 5141N	2695-06553	50	GGGG
05042E 5252N	2657-06452	100	GGGG	04837E 5135N	2676-06504	30	GFFG	04711E 5419N	2660-07020	10	GGGG
05042E 3849N	2671-06255	40	GGGG	04835E 5131N	2658-06512	90	GGGG	04710E 5134N	2677-06562	100	GGGG
05039E 3847N	2653-06264	80	GGGG	04834E 5419N	2659-06561	80	GGGG	04707E 5131N	2659-06570	30	FGGG
05032E 2853N	2687-06164	50	GGGG	04827E 4436N	2692-06403	90	FFFF	04701E 4430N	2675-06470	90	GGGG
05029E 2848N	2669-06173	0	FGFF	04825E 3139N	2653-06284	0	GGGG	04701E 3145N	2690-06330	0	FGGG
05027E 4600N	2691-06343	50	FGFF	04822E 4425N	2656-06420	30	GGGG	04700E 4436N	2693-06462	60	GFFG
05024E 4553N	2673-06351	20	GGGF	04820E 3603N	2690-06314	0	GGGF	04700E 3140N	2654-06342	0	GGGG
05013E 3724N	2671-06262	20	GGGG	04818E 4018N	2691-06361	90	FGGG	04657E 4425N	2657-06475	20	GGGG
05012E 4852N	2692-06392	70	GFFG	04817E 4013N	2673-06365	30	FGGG	04654E 3601N	2691-06372	0	GGGG
05011E 3722N	2653-06270	30	GGGG	04817E 3557N	2654-06331	10	GGG	04653E 4021N	2692-06415	100	GGGG
05004E 5423N	2676-06495	20	GGF	04816E 4012N	2655-06274	90	GGGG	04652E 4015N	2674-06423	50	GGGG
05001E 5419N	2658-06503	60	GGGG	04801E 5017N	2694-06502	30	GFFG	04651E 3556N	2655-06385	20	GGGG
05000E 5128N	2657-06454	90	GGGG	04800E 3014N	2653-06291	0	GGGG	04649E 4011N	2656-06432	90	FGGG
04950E 4428N	2673-06354	40	GGGF	04758E 5542N	2660-07013	40	GGGG	04645E 4728N	2694-06511	30	GFFG
04945E 4020N	2690-06303	20	GGGG	04756E 5011N	2676-06510	40	GGGG	04641E 4722N	2676-06515	20	FGGF
04944E 4014N	2672-06311	70	GGGG	04755E 5007N	2658-06515	100	GGGG	04640E 4719N	2658-06524	90	GGGG
04943E 3556N	2653-06273	0	FGGG	04753E 3437N	2690-06321	0	GGGG	04634E 5017N	2695-06560	90	GGGG
04942E 4013N	2654-06315	90	GGGG	04751E 3431N	2654-06333	0	GGGG	04630E 5542N	2661-07071	100	GGGG
04935E 4727N	2692-06394	10	FFFF	04750E 4301N	2656-06423	80	GGGG	04628E 5007N	2659-06573	10	FGGG
04925E 5305N	2694-06493	80	F	04749E 5255N	2659-06564	90	GGGG	04628E 4305N	2675-06473	90	GGGG
04919E 5259N	2676-06501	20	GGGG	04749E 3852N	2691-06363	30	FGGG	04628E 3435N	2691-06375	0	FGGF
04917E 5255N	2658-06510	90	GGGG	04748E 3848N	2673-06372	50	GGGF	04627E 4310N	2693-06464	70	FGGG
04916E 3854N	2690-06305	10	GGGG	04747E 3847N	2655-06380	80	GGGG	04626E 5255N	2660-07022	0	GGGG
04916E 3431N	2653-06275	0	GGGG	04731E 4550N	2657-06472	10	GGGG	04625E 4300N	2657-06481	30	GGGG
04915E 3849N	2672-06314	70	GGGG	04727E 3311N	2690-06323	0	GGGG	04624E 3855N	2692-06421	100	GGGG
04913E 3848N	2654-06322	90	GGGG	04725E 3305N	2654-06340	0	GGGG	04623E 3850N	2674-06430	20	GGGG
04900E 4602N	2692-06401	50	FFFF	04723E 4146N	2692-06412	100	GGGG	04620E 3845N	2656-06434	40	GGGG
04856E 4550N	2656-06414	10	GGGG	04722E 4852N	2694-06504	20	FGGG	04610E 4603N	2694-06513	90	GGGG
04851E 3305N	2653-06282	0	GGGG	04722E 4140N	2674-06421	60	GGGG	04606E 4557N	2676-06522	60	FPGG
04848E 5705N	2660-07011	70	GGGG	04721E 3727N	2691-06370	10	FGGG	04605E 4554N	2658-06530	70	GGGG
04848E 4143N	2691-06354	90	GGGG	04720E 5705N	2661-07065	100	GGGG	04602E 3310N	2691-06381	0	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20158 JAN 13, 177

LANDSAT-2
COORDINATE LISTING
FOR N9N-US
FROM 12/01/76 TO 12/31/76

PAGE 0136

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
04557E 4140N	2675-06475	90	GGGG	04429E 4852N	2696-07021	80	FGG	04302E 3726N	2676-06545	30	GGFF
04556E 4145N	2693-06471	80	FGGG	04429E 4142N	2676-06533	90	GGGG	04257E 4841N	2661-07092	100	GGGG
04555E 4852N	2695-06562	90	GGGG	04429E 4139N	2658-06542	60	GGGG	04254E 5423N	2681-07182	40	GGGG
04553E 4845N	2677-06571	90	GGGG	04428E 4846N	2678-07025	100	GGGG	04254E 5137N	2680-07132	100	GGGG
04553E 4135N	2657-06484	90	GGGG	04427E 5704N	2663-07181	100	GGGG	04249E 5418N	2663-07190	100	GGGG
04552E 3721N	2656-06441	10	GGGG	04423E 5140N	2697-07070	100	GGGG	04249E 5129N	2662-07141	90	GGGG
04549E 4842N	2659-06575	40	GGG	04423E 4842N	2660-07034	40	GGGG	04244E 4436N	2696-07032	60	FGGG
04543E 5418N	2661-07074	50	GGGG	04421E 5137N	2679-07074	90	FGGG	04242E 4430N	2678-07041	60	GGGG
04543E 5131N	2660-07025	10	GGGG	04416E 5130N	2661-07083	10	GGGG	04239E 4426N	2660-07045	40	GGGG
04536E 4438N	2694-06520	90	FGGG	04415E 5417N	2662-07132	100	GGGG	04227E 4726N	2697-07081	100	GGGG
04533E 4432N	2676-06524	90	GGGF	04411E 4438N	2695-06574	100	GGGG	04225E 4723N	2679-07090	100	GGGG
04532E 4429N	2658-06533	70	GGGG	04407E 4431N	2677-06582	90	FGFG	04221E 4716N	2661-07094	100	GGGG
04526E 4019N	2693-06473	60	GGGG	04406E 4427N	2659-06591	90	GGFG	04214E 5012N	2680-07135	100	GGGG
04526E 4014N	2675-06482	50	GGG	04402E 4022N	2694-06531	50	FGGG	04213E 5540N	2664-07242	90	GGGG
04524E 3555N	2656-06443	10	GGGG	04359E 4016N	2676-06540	70	GGGG	04211E 4311N	2696-07035	10	GGFG
04523E 4010N	2657-06490	20	GGGG	04359E 4014N	2658-06544	50	GGGG	04210E 4305N	2678-07043	10	GGGG
04519E 4728N	2695-06565	90	GGGG	04352E 4727N	2696-07023	100	GGGG	04209E 5300N	2681-07184	50	GGGG
04516E 4720N	2677-06573	90	GGGF	04351E 4721N	2678-07032	100	GGGG	04209E 5005N	2662-07143	100	GGGG
04513E 4718N	2659-06582	60	GGGG	04346E 4717N	2660-07040	90	GGGG	04208E 4301N	2660-07052	10	GGGG
04506E 5304N	2697-07063	90	GGGG	04342E 5016N	2697-07072	90	GGGG	04205E 5254N	2663-07193	90	GGGG
04506E 5010N	2678-07023	90	FGGG	04340E 5012N	2679-07081	90	FGFG	04152E 4601N	2697-07084	80	GGGG
04504E 4313N	2694-06522	80	FGGG	04338E 4312N	2695-06580	80	G GG	04149E 4558N	2679-07092	70	GGGG
04503E 5301N	2679-07072	90	FGGP	04337E 5541N	2663-07184	90	GGGG	04146E 4551N	2661-07101	40	GGGG
04503E 5006N	2660-07031	50	GGGG	04336E 5301N	2680-07130	100	GGGG	04140E 4146N	2696-07041	0	FGFF
04502E 5540N	2662-07125	100	GGGG	04336E 5006N	2661-07085	70	GGGG	04139E 4140N	2678-07050	40	GGGG
04500E 4307N	2676-06531	80	GGGG	04335E 4306N	2677-06585	10	FGGG	04137E 4136N	2660-07054	0	FGGG
04500E 4303N	2658-06535	60	GGGG	04334E 4302N	2659-06593	30	GGGG	04136E 4847N	2680-07141	100	GGGG
04458E 5254N	2661-07080	10	GGGG	04333E 3857N	2694-06534	10	FGGG	04130E 4841N	2662-07150	100	GGGG
04458E 3849N	2675-06484	10	GGGG	04331E 5253N	2662-07134	100	GGGG	04127E 5136N	2681-07191	90	GGFG
04458E 3430N	2656-06450	30	GGGG	04330E 3851N	2676-06542	40	GGGG	04126E 5416N	2664-07244	100	GGGG
04457E 3854N	2693-06480	20	GGF	04317E 4601N	2696-07030	90	GGGG	04118E 4436N	2697-07090	20	GGGG
04454E 3845N	2657-06493	10	GGGG	04316E 4555N	2678-07034	100	GGGG	04115E 4433N	2679-07095	10	GGGG
04444E 4603N	2695-06571	90	GGGG	04312E 4552N	2660-07043	90	FFGF	04113E 4427N	2661-07103	10	FFFF
04441E 4556N	2677-06580	100	FGGF	04303E 5703N	2664-07235	90	GGGG	04059E 4722N	2680-07144	90	FGGG
04439E 4553N	2659-06584	100	GGGG	04303E 4851N	2697-07075	90	GGGG	04054E 4716N	2662-07152	90	GGGG
04433E 4148N	2694-06525	90	GGGG	04302E 4847N	2679-07083	100	GG G	04047E 5011N	2681-07193	100	GGGF

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20:58 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0137

PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
04044E	5300N	2682-07242	90	GGGF	03731E	4557N	2682-07263	30	FFGF	03438E	4558N	2684-07375	100	GGGG
04042E	5253N	2664-07251	100	GGGG	03729E	4531N	2664-07271	90	GGGG	03436E	4553N	2666-07384	90	GGGG
04023E	4557N	2680-07150	20	GGGG	03719E	4849N	2683-07312	100	FGFG	03427E	4852N	2703-07420	90	GGGG
04020E	4552N	2662-07155	10	GGGG	03714E	4843N	2665-07320	100	GGGG	03423E	4847N	2685-07424	90	FGGG
04013E	5707N	2666-07352	90	FGFG	03710E	5424N	2685-07410	90	GGGG	03422E	4843N	2667-07433	100	GGGG
04007E	4848N	2681-07200	100	FGGG	03710E	5137N	2684-07361	100	GGGG	03419E	5140N	2686-07473	100	FGGG
04004E	4841N	2663-07204	100	GGGG	03708E	5419N	2667-07415	100	GGGG	03411E	5131N	2668-07482	90	FGGG
04001E	5135N	2682-07245	90	GGGF	03707E	5132N	2666-07370	90	FGGG	03408E	4438N	2702-07373	80	GGGG
03959E	5129N	2664-07253	100	GGGG	03658E	4432N	2682-07265	60	GGGG	03405E	4433N	2684-07382	100	GGGG
03949E	4432N	2680-07153	20	PPGG	03655E	4427N	2664-07274	30	GGGG	03403E	4428N	2666-07390	80	GGGG
03947E	4427N	2662-07161	0	FGGG	03642E	4728N	2701-07310	50	GGFG	03350E	4728N	2703-07422	90	GGGG
03931E	4724N	2681-07202	80	FGGG	03642E	4725N	2683-07314	80	GGFG	03347E	4722N	2685-07431	90	GGGG
03928E	4716N	2663-07211	100	GGGG	03637E	4718N	2665-07323	100	GGGG	03345E	4718N	2667-07435	100	GGGG
03922E	5544N	2666-07354	90	FGGG	03632E	5017N	2702-07355	80	GGGG	03334E	5303N	2687-07525	100	GGGG
03921E	5010N	2682-07251	90	GGGG	03629E	5013N	2684-07364	100	FGGG	03332E	5007N	2668-07485	90	GGGG
03919E	5302N	2683-07300	90	GGGF	03626E	5007N	2666-07372	90	GGGG	03330E	5255N	2669-07534	90	GGGG
03919E	5005N	2664-07260	100	GGGG	03625E	5301N	2685-07413	70	GGGG	03316E	4602N	2703-07425	90	GGGG
03915E	5257N	2665-07305	100	GGGG	03623E	5255N	2667-07421	100	GGGG	03312E	4557N	2685-07433	90	FGGG
03856E	4558N	2681-07205	80	GGGG	03607E	4603N	2701-07312	80	GGFG	03310E	4553N	2667-07442	100	FGGG
03853E	4551N	2663-07213	50	GGGG	03606E	4600N	2683-07321	70	FGFP	03300E	4851N	2686-07482	80	GGGG
03847E	5705N	2667-07410	90	GGGG	03602E	4553N	2665-07325	90	GGGG	03254E	4843N	2668-07491	90	FGGG
03843E	4846N	2682-07254	80	GGGP	03554E	4853N	2702-07362	90	GGGG	03252E	5139N	2687-07532	100	GGGG
03840E	4840N	2664-07262	100	GGGG	03551E	4849N	2684-07370	100	GGGG	03251E	5426N	2688-07581	90	G GG
03837E	5425N	2684-07352	90	FGGG	03548E	4842N	2666-07375	90	GGGG	03250E	5421N	2670-07585	90	GGGG
03837E	5138N	2683-07303	100	GGGG	03542E	5136N	2685-07415	30	FGFG	03248E	5131N	2669-07540	100	GGGG
03834E	5420N	2666-07361	90	FGGG	03541E	5131N	2667-07424	100	GGGF	03242E	4436N	2703-07431	90	GGG
03833E	5133N	2665-07311	100	GGGG	03533E	4438N	2701-07315	80	GGGG	03223E	4726N	2686-07485	80	GGGG
03823E	4432N	2681-07211	80	GGFG	03533E	4435N	2683-07323	60	FGFG	03218E	4718N	2668-07494	30	FFGG
03819E	4426N	2663-07220	10	FGGG	03528E	4429N	2665-07332	70	GGGG	03211E	5015N	2687-07534	90	FGGG
03806E	4722N	2682-07260	70	GGGG	03517E	4728N	2702-07364	90	FGGG	03208E	5006N	2669-07543	100	GGGG
03804E	4716N	2664-07265	100	GGGG	03514E	4724N	2684-07373	100	GGGF	03206E	5302N	2688-07583	80	GGGG
03757E	5013N	2683-07305	100	GGGG	03511E	4717N	2666-07381	90	GGGG	03205E	5258N	2670-07592	90	GGGG
03756E	5542N	2667-07412	100	GGGG	03501E	5012N	2685-07422	30	FFGG	03147E	4601N	2686-07491	80	GGGG
03752E	5301N	2684-07355	90	GGGG	03500E	5007N	2667-07430	100	GGGG	03144E	4553N	2668-07500	30	GGGG
03752E	5009N	2665-07314	90	GGGG	03454E	5255N	2668-07480	80	GGGG	03133E	4851N	2687-07541	60	GGGG
03750E	5256N	2666-07363	90	FGGG	03442E	4603N	2702-07371	90	FGGF	03130E	4842N	2669-07545	90	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20158 JAN 13, 177

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0138

PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
03124E	5420N	2671-08044	60	GGGG		02746E	5257N	2673-08162	40	GGGG		02419E	4841N	2656-08240	90	GGGG	
03124E	5419N	2653-08052	90	GGGG		02745E	5254N	2655-08171	90	GGGG		02414E	5423N	2676-08330	90	GGGF	
03123E	5138N	2688-07590	60	GFGG		02740E	5951N	2658-08321	90	GGGG		02411E	5419N	2658-08335	90	GGGG	
03123E	5133N	2670-07594	100	GGGG		02730E	4602N	2689-08062	100	GGGG		02350E	5827N	2660-08440	90	GFGG	
03056E	4726N	2687-07543	60	GGGG		02727E	4554N	2671-08071	90	GGGG		02347E	4726N	2692-08230	80	GGGG	
03053E	4718N	2669-07552	70	GGGF		02726E	4554N	2653-08075	80	FGGG		02343E	4716N	2656-08243	90	GGGG	
03044E	5305N	2689-08041	50	FGFG		02712E	4843N	2672-08120	40	GGGG		02338E	5015N	2693-08275	60	GGFG	
03043E	5013N	2688-07592	70	GGGG		02710E	4842N	2654-08124	100	GGGG		02336E	5546N	2677-08382	90	FFGG	
03042E	5008N	2670-08001	100	GGGG		02709E	5141N	2691-08160	50	GFGG		02336E	5306N	2694-08324	70	PGGG	
03039E	5257N	2671-08050	60	GGGG		02705E	5417N	2656-08222	100	GGGG		02332E	5542N	2659-08390	100	GGGG	
03039E	5255N	2653-08054	90	GGGG		02704E	5134N	2673-08165	60	FGGG		02332E	5007N	2657-08292	90	GGGG	
03021E	4601N	2687-07550	60	FGGG		02702E	5129N	2655-08173	100	GGGG		02332E	5007N	2675-08284	90	GGGG	
03018E	4553N	2669-07554	80	GGFG		02642E	5828N	2658-08323	100	GGGG		02329E	5259N	2676-08333	90	GGGF	
03005E	4849N	2688-07595	90	GGGG		02635E	4719N	2672-08122	20	GGGG		02326E	5255N	2658-08341	100	GGGG	
03004E	4844N	2670-08003	90	GGGG		02633E	4718N	2654-08131	70	GGGG		02256E	5705N	2660-08442	90	GGGG	
02956E	5132N	2671-08053	60	GGGG		02629E	5017N	2691-08163	90	FGGG		02254E	4843N	2657-08295	70	GGGF	
02956E	5131N	2653-08061	100	GGGG		02625E	5304N	2692-08212	90	GGGG		02254E	4843N	2675-08290	90	GGGG	
02954E	5419N	2654-08110	100	GGGG		02624E	5009N	2673-08171	30	FGGG		02245E	5419N	2659-08393	100	GGGG	
02929E	4724N	2688-08001	40	GGG		02622E	5005N	2655-08180	100	GGGG		02206E	5541N	2660-08445	90	FGGG	
02927E	4719N	2670-08010	80	GGGG		02620E	5256N	2674-08221	100	GGGG		02119E	5417N	2660-08451	90	GGGF	
02917E	5542N	2655-08162	100	GGGG		02620E	5253N	2656-08225	100	GGGG		01950E	5417N	2661-08505	90	GGGG	
02916E	5008N	2671-08055	50	GGGG		02600E	4553N	2672-08125	30	GGGG		04645W	5008N	2670-13100	90	GGFF	
02916E	5007N	2653-08063	100	GGGG		02549E	5705N	2658-08330	90	GGGG		04722W	4843N	2670-13102	80	GGGG	
02910E	5255N	2654-08113	90	GGGG		02544E	4841N	2655-08182	90	GGGG		04726W	5138N	2689-13143	90	GGGG	
02855E	4600N	2688-08004	40	GFFF		02542E	5140N	2692-08214	70	GGGG		04732W	5133N	2671-13151	60	GGGG	
02852E	4555N	2670-08012	60	GGGG		02538E	5133N	2674-08223	90	GGGG		04755W	4726N	2688-13100	70	GGGG	
02838E	4844N	2671-08062	60	GGGG		02538E	5130N	2656-08231	90	GGGG		04759W	4718N	2670-13105	90	FFGG	
02838E	4843N	2653-08070	100	GGGG		02526E	4429N	2672-08131	60	GGGG		04806W	5013N	2689-13145	60	GGGG	
02836E	5139N	2690-08102	40	GGGG		02502E	5015N	2692-08221	70	GGGG		04812W	5009N	2671-13154	30	GFGG	
02830E	5418N	2655-08164	90	GGGG		02501E	5546N	2676-08324	90	FGF		04830W	4601N	2688-13103	70	GGFG	
02829E	5131N	2672-08111	70	GGGG		02459E	5542N	2658-08332	90	GGGG		04834W	4553N	2670-13111	90	GGGG	
02828E	5131N	2654-08115	90	GGGG		02458E	5009N	2674-08230	80	GGGG		04845W	4849N	2689-13152	80	GGGG	
02802E	4719N	2671-08064	80	GGGG		02458E	5005N	2656-08234	90	GGGG		04848W	5141N	2690-13201	80	GGGG	
02801E	4718N	2653-08072	90	GGGG		02454E	4303N	2672-08134	70	GGGG		04850W	4844N	2671-13160	30	GGGG	
02752E	5306N	2691-08154	40	GGFF		02447E	5950N	2660-08433	90	GFGG		04852W	2550S	2657-12180	10	GGGG	
02748E	5006N	2654-08122	100	GGGG		02423E	4851N	2692-08223	40	GGGG		04900W	5133N	2672-13205	70	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

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COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0139

PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
04904W	4435N	2688-13105	80	GGGG	05103W	4309N	2689-13170	70	GGGG	05258W	4146N	2690-13230	50	GGGG
04907W	4428N	2670-13114	90	GGGG	05106W	5255N	2656-13324	90	GGGF	05259W	4853N	2692-13322	60	GGGG
04915W	2717S	2657-12182	10	GGGG	05107W	4305N	2671-13174	20	GGGG	05303W	4847N	2674-13331	90	GGGG
04921W	4724N	2689-13154	80	GGGG	05120W	4601N	2690-13215	80	GGGG	05304W	4140N	2672-13235	90	GGGG
04927W	4720N	2671-13163	30	GGGG	05121W	2428S	2659-12290	30	FGGG	05308W	5142N	2693-13371	90	GFFF
04929W	5016N	2690-13203	80	GGGG	05128W	4555N	2672-13223	80	GGGG	05308W	4842N	2656-13335	10	GGGG
04932W	2259S	2658-12225	10	GGGG	05134W	4144N	2689-13172	60	GGGG	05310W	2549S	2660-12350	30	FGGG
04933W	5304N	2691-13253	90	FGGG	05135W	4851N	2691-13264	90	GGGG	05311W	5422N	2676-13425	80	GGGG
04937W	4310N	2688-13112	60	GGGG	05138W	4140N	2671-13181	60	GGGG	05315W	5134N	2675-13380	80	GGGG
04939W	4304N	2670-13120	90	GGG	05140W	4843N	2655-13281	80	GGGG	05316W	5418N	2658-13434	90	FGGF
04939W	2842S	2657-12185	10	FFFF	05141W	5141N	2692-13313	80	GGGG	05317W	5130N	2658-13384	90	GGGG
04940W	5255N	2655-13265	90	GGGG	05142W	4843N	2673-13273	20	FGGG	05321W	4435N	2691-13280	90	GGGG
04940W	5008N	2672-13212	90	GGGG	05145W	5135N	2674-13322	90	GGGG	05325W	4430N	2673-13284	30	GGGG
04941W	5256N	2673-13261	90	GGGG	05148W	5422N	2675-13371	90	GGGG	05326W	4428N	2655-13292	80	GGGG
04955W	2425S	2658-12231	10	GGGG	05149W	5131N	2656-13330	60	GGGG	05334W	2714S	2660-12353	40	GGGG
04956W	4559N	2689-13161	90	GGGG	05150W	5418N	2657-13375	90	FGGG	05336W	4728N	2692-13325	50	GGGG
05002W	4555N	2671-13165	30	GGGG	05154W	4437N	2690-13221	90	GGGG	05340W	4722N	2674-13333	60	GGGG
05008W	4851N	2690-13210	90	GGGG	05201W	4430N	2672-13230	60	GGGG	05344W	4717N	2656-13342	60	GGGG
05008W	4145N	2688-13114	50	GGGG	05212W	4725N	2691-13271	80	GGGF	05348W	5017N	2693-13374	100	GGGG
05010W	4138N	2670-13123	80	FGGG	05217W	4719N	2655-13283	70	GGGG	05349W	5549N	2677-13481	50	GGG
05015W	5140N	2691-13255	80	GGGG	05218W	4719N	2673-13275	60	GGGG	05352W	5545N	2659-13485	90	FGGG
05017W	4844N	2672-13214	70	FGGG	05221W	5017N	2692-13320	80	GGGG	05352W	5304N	2694-13423	70	FFGG
05018W	2551S	2658-12234	30	GGGG	05223W	5546N	2676-13423	90	FGGG	05354W	4310N	2691-13282	90	GGGG
05021W	5419N	2656-13321	90	GGGG	05225W	5306N	2693-13365	90	GGG	05355W	5010N	2675-13382	60	GGGG
05022W	5131N	2655-13272	90	GGGG	05225W	5011N	2674-13324	80	GGGG	05357W	5258N	2676-13432	80	GGGG
05023W	5132N	2673-13264	70	GGGG	05225W	2258S	2660-12341	10	FFFF	05357W	5006N	2657-13391	90	GGGG
05030W	4434N	2689-13163	90	GGGG	05227W	4312N	2690-13224	70	GGGG	05357W	4305N	2673-13291	40	GGGF
05035W	4430N	2671-13172	10	GGGG	05229W	5542N	2658-13431	90	FGGG	05357W	2841S	2660-12355	10	GGGG
05045W	4726N	2690-13212	80	GGGG	05229W	5007N	2656-13333	20	GGGG	05358W	4304N	2655-13295	70	GGGG
05053W	4719N	2672-13221	80	GGGG	05233W	5258N	2675-13373	70	GGGG	05401W	5254N	2658-13440	70	FGGG
05056W	5016N	2691-13262	90	GGGG	05233W	4305N	2672-13232	80	GGGG	05412W	4602N	2692-13331	70	GGGG
05059W	5305N	2692-13311	90	GGGG	05235W	5253N	2657-13382	90	FGGG	05416W	4557N	2674-13340	60	GGFG
05100W	2301S	2659-12283	0	GGFG	05247W	4601N	2691-13273	100	GGGG	05418W	4553N	2656-13344	90	GGGG
05102W	5008N	2655-13274	80	GGGG	05247W	2424S	2660-12344	10	FFFF	05421W	3008S	2660-12362	10	GGGG
05103W	5259N	2674-13315	90	GGGG	05252W	4555N	2673-13282	30	FGGG	05423W	3014S	2678-12353	90	P
05103W	5008N	2673-13270	60	GGGG	05253W	4553N	2655-13290	80	GGGG	05425W	4144N	2691-13285	90	GGGG

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER.
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COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0140

PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
05427W	4852N	2693-13380	90	FFGG	05559W	4844N	2676-13443	90	GGGG	05731W	3552S	2661-12434	10	GGGG
05428W	5707N	2660-13541	20	GGGG	05601W	5142N	2695-13484	90	GGGG	05732W	5135N	2678-13550	60	GGGG
05428W	4139N	2673-13293	60	GGGG	05601W	4841N	2658-13452	80	GGGG	05734W	5420N	2661-14004	60	GGGG
05429W	4139N	2655-13301	50	GGGG	05605W	5423N	2678-13541	70	FGGF	05734W	5132N	2660-13555	40	GGFG
05432W	4846N	2675-13385	60	FGGG	05605W	5136N	2677-13492	100	GGGG	05739W	3135S	2662-12481	10	GGGG
05435W	5140N	2694-13430	30	GGFG	05606W	5420N	2660-1350	90	GGGF	05740W	4436N	2694-13450	90	FGGG
05435W	4841N	2657-13393	70	FGGG	05607W	5133N	2659-13501	50	GGGG	05743W	4430N	2676-13455	90	GGGG
05437W	5424N	2677-13483	90	G GG	05613W	4436N	2693-13392	90	GGGG	05746W	4427N	2658-13463	50	GGGG
05439W	5134N	2676-13434	80	GGGG	05616W	4432N	2675-13400	80	GGGG	05757W	4728N	2695-13495	100	GGGG
05440W	5421N	2659-13492	80	FGGG	05620W	4426N	2657-13405	80	GGGG	05758W	3717S	2661-12440	10	GGGG
05443W	5130N	2658-13443	50	FGGG	05630W	4726N	2694-13441	20	FGGF	05759W	3725S	2697-12423	100	GGGG
05447W	4437N	2692-13334	70	GGGG	05632W	3715S	2660-12382	30	GGGF	05800W	4723N	2677-13504	100	GGGG
05450W	4432N	2674-13342	60	GGGG	05633W	3722S	2678-12374	70	GGGG	05801W	3724S	2679-12432	80	FFFF
05451W	4429N	2656-13351	100	GGGG	05635W	4720N	2676-13450	90	GGGG	05802W	4720N	2659-13512	40	GGGG
05504W	4727N	2693-13383	100	GGGG	05637W	4717N	2658-13454	90	GGGG	05808W	5549N	2680-14051	10	GGGG
05507W	4722N	2675-13391	70	GGGG	05641W	5018N	2695-13490	100	FGFG	05808W	5017N	2696-13544	80	GGGG
05511W	4717N	2657-13400	90	GFGG	05644W	5307N	2696-13535	90	GGGG	05812W	5012N	2678-13553	50	GGGG
05515W	5015N	2694-13432	20	GGFG	05645W	5012N	2677-13495	100	GGGG	05812W	4310N	2694-13453	90	FGGG
05517W	5547N	2678-13535	70	FFFF	05646W	5543N	2661-14002	90	FGGG	05814W	5543N	2662-14060	90	GGGG
05518W	5307N	2695-13481	30	GGFG	05646W	4311N	2693-13394	80	GFGG	05814W	5007N	2660-13561	70	GGGG
05519W	5543N	2660-13543	70	GGGG	05647W	5009N	2659-13503	60	GGGG	05815W	5259N	2679-14002	0	GGGG
05519W	4312N	2692-13340	70	GGGG	05648W	4306N	2675-13403	80	FGGG	05815W	4304N	2676-13461	80	GGGG
05520W	5009N	2676-13441	80	GGGG	05650W	5300N	2678-13544	70	GGGG	05818W	4302N	2658-13470	40	FGGG
05522W	4307N	2674-13345	60	GGGG	05651W	5256N	2660-13552	60	GGGG	05820W	5255N	2661-14011	60	GGGP
05523W	5300N	2677-13490	100	FGGG	05652W	4302N	2657-13411	70	GGGG	05827W	3843S	2661-12443	10	FGGG
05523W	5006N	2658-13445	60	GGGG	05706W	4601N	2694-13444	40	GGGG	05828W	3851S	2697-12430	100	GGGG
05524W	4303N	2656-13353	90	GGGG	05710W	4555N	2676-13452	90	GGGG	05829W	3848S	2679-12435	10	GGGF
05525W	5257N	2659-13494	40	FGGG	05712W	4552N	2658-13461	50	GGGG	05831W	3426S	2662-12490	10	GGGG
05539W	4602N	2693-13385	100	FGGF	05717W	4146N	2693-13401	80	GGGG	05832W	4603N	2695-13502	100	GGGG
05542W	4557N	2675-13394	80	GGGG	05720W	4853N	2695-13493	100	GGGG	05835W	4558N	2677-13510	100	GGGG
05546W	4552N	2657-13402	90	GGGG	05720W	4141N	2675-13405	80	GGGG	05837W	4555N	2659-13515	30	GFGG
05551W	4147N	2692-13343	70	GGGG	05722W	4137N	2657-13414	70	GGGG	05843W	4145N	2694-13455	100	GGGG
05553W	4142N	2674-13351	60	GGGG	05723W	5706N	2662-14053	70	GGGG	05846W	4853N	2696-13551	80	GGGG
05554W	4851N	2694-13435	10	GGGF	05724W	4847N	2677-13501	100	GGGG	05846W	4139N	2676-13464	60	GGGG
05555W	4138N	2656-13360	90	GGGG	05725W	4844N	2659-13510	40	GGGG	05850W	4848N	2678-13555	70	GGGF
05556W	5706N	2661-13595	80	FGGG	05727W	5142N	2696-13542	80	GGGG	05850W	4137N	2658-13472	40	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20158 JAN 13, 177

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0141

PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
05852W	4842N	2660-13564	90	GGGG		06012W	4142N	2677-13522	100	GGGG		06142W	4848N	2680-14072	80	GGGG	
05853W	5142N	2697-14000	60	GGGG		06014W	4140N	2659-13530	70	GGGG		06144W	4843N	2662-14080	100	GGG	
05855W	5425N	2680-14054	20	FGGG		06016W	4846N	2679-14014	30	GGGG		06147W	4008S	2663-12562	100	GGGG	
05857W	3551S	2662-12492	40	GGGG		06019W	5142N	2698-14054	0	GGGG		06149W	3554S	2664-13005	100	GGGG	
05858W	5135N	2679-14005	10	GGGG		06019W	4843N	2661-14022	60	GGGG		06149W	4013S	2681-12553	40	FFGF	
05859W	3559S	2680-12484	40	FFFF		06023W	5137N	2680-14063	40	GGGG		06157W	3136S	2665-13051	60	GGGG	
05901W	5420N	2662-14062	90	GGG		06023W	3552S	2663-12550	90	FFFF		06159W	4437N	2697-14021	40	GGGG	
05902W	5131N	2661-14013	80	GGGG		06023W	3557S	2681-12542	10	PF		06201W	4432N	2679-14025	20	GGGG	
05905W	3136S	2663-12535	10	FFFF		06026W	5133N	2662-14071	60	FGGG		06203W	4428N	2661-14034	40	GGGG	
05906W	4438N	2695-13504	100	GGGG		06031W	4437N	2696-13562	90	GGGG		06217W	4727N	2698-14070	20	GGGG	
05909W	4433N	2677-13513	100	GGGG		06031W	3137S	2664-12593	90	GGGG		06217W	3719S	2664-13011	100	FFFF	
05910W	4430N	2659-13521	40	GGGG		06035W	4429N	2660-13575	50	GGGG		06218W	4724N	2680-14074	50	GGGG	
05922W	4728N	2696-13553	90	GGGG		06036W	4433N	2678-13571	20	GGGF		06221W	4718N	2662-14083	90	GGGG	
05924W	3717S	2662-12495	70	GGGG		06049W	4727N	2697-14012	90	GGGG		06222W	3302S	2665-13054	50	PPPP	
05927W	4723N	2678-13562	40	GGGG		06051W	3722S	2681-12544	30	FGGG		06222W	3307S	2683-13045	0	FFFF	
05927W	3724S	2680-12490	10	PPP		06052W	4722N	2679-14020	40	GGGG		06231W	4311N	2697-14023	50	GGGG	
05929W	4718N	2660-13570	80	GGGG		06055W	4718N	2661-14025	60	GGGG		06234W	4307N	2679-14032	50	GGGG	
05931W	3302S	2663-12541	40	FFFF		06057W	3302S	2664-13000	100	FFFF		06236W	4303N	2661-14040	50	GGGG	
05931W	3305S	2681-12533	0	GGGG		06100W	3307S	2682-12591	0	GGGG		06245W	3844S	2664-13014	100	FFFF	
05934W	5018N	2697-14003	60	GGGG		06101W	5017N	2698-14061	20	GGGG		06247W	3849S	2682-13005	0	FFFF	
05938W	5011N	2679-14011	10	GGGG		06103W	5013N	2680-14065	40	GGGG		06248W	3434S	2683-13052	0	GGGG	
05938W	4313N	2695-13511	100	GGGG		06104W	4312N	2696-13565	90	GGGG		06249W	3428S	2665-13060	40	GGGG	
05940W	5301N	2680-14060	20	GGGG		06106W	5008N	2662-14074	90	GGGG		06252W	4602N	2698-14072	30	GGGG	
05941W	4308N	2677-13515	100	GGGG		06107W	4304N	2660-13582	90	GGGG		06253W	4559N	2680-14081	50	GGGG	
05942W	5007N	2661-14020	30	GGGG		06109W	4308N	2678-13573	40	GGGF		06256W	4553N	2662-14085	90	GGGG	
05943W	4305N	2659-13524	40	GGGG		06118W	3843S	2663-12555	100	GGGG		06300W	3012S	2666-13103	10	FGGG	
05944W	5257N	2662-14065	40	GGG		06119W	3847S	2681-12551	20	FFGF		06302W	4146N	2697-14030	60	GGGG	
05952W	3842S	2662-12501	40	GGGG		06122W	3428S	2664-13002	100	GGGG		06305W	4141N	2679-14034	80	GGGG	
05955W	3850S	2680-12493	10	GGGG		06125W	4602N	2697-14014	70	GGGG		06307W	4138N	2661-14043	50	GGGG	
05956W	3427S	2663-12544	70	GGGG		06127W	4557N	2679-14023	20	GGGG		06314W	3558S	2701-13050	10	GGGG	
05957W	3431S	2681-12535	0	P		06130W	4553N	2661-14031	50	GGGG		06314W	4010S	2664-13020	100	FFFF	
05958W	4603N	2696-13560	90	GGGG		06132W	3011S	2665-13045	90	FFFF		06315W	3600S	2683-13054	0	GGGG	
06002W	4558N	2678-13564	20	GGGG		06135W	4147N	2696-13571	80	GGGG		06316W	3553S	2665-13063	40	FFFF	
06003W	4553N	2660-13573	80	GGGG		06138W	4139N	2660-13584	80	GGGG		06316W	4015S	2682-13012	0	GGGG	
06009W	4148N	2695-13513	100	GGGG		06140W	4851N	2698-14063	50	GGGG		06324W	3139S	2666-13105	10	GGGG	
06012W	4853N	2697-14005	90	GGGG		06140W	4142N	2678-13580	60	FGGG		06326W	4436N	2698-14075	60	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20158 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0142

PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC	QUALITY	PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC	QUALITY	PRINCIPAL PT. OF IMAGE				OBSERVATION ID	CC	QUALITY
LONG	LAT				%	RBV MSS	LONG	LAT				%	RBV MSS	LONG	LAT				%	RBV MSS
						12345678							12345678							12345678
06326W	4434N	2680-14083	60	GGGG			06723W	4855N	2702-14292	50	GGGF			07319W	2140N	2682-14264	30	GGGG		
06330W	4428N	2662-14092	100	GGGG			06724W	4138N	2664-14213	60	GGGG			07325W	3145N	2684-14350	70	GGGG		
06343W	3718S	2665-13065	40	GGGG			06749W	4023N	2700-14203	90	GGGG			07326W	3147N	2702-14342	60	GGGG		
06343W	3725S	2683-13061	0	FFFF			06752W	4018N	2682-14211	60	GGGG			07329W	3138N	2666-14355	70	GGGG		
06349W	3307S	2684-13103	10	GGGG			06754W	4013N	2664-14220	80	GGGG			07336W	2558N	2683-14310	80	GG		
06350W	3304S	2666-13112	10	GGGG			06807W	5020N	2703-14344	10	GGGG			07400W	2431N	2683-14313	40	GGGG		
06359W	4311N	2698-14081	70	GGGG			06818W	3857N	2700-14205	90	GGGG			07414W	2853N	2684-14355	80	GF		
06359W	4309N	2680-14090	50	GG G			06821W	3852N	2682-14214	60	GGGG			07439W	2727N	2684-14362	80	GGGG		
06402W	4303N	2662-14094	100	GGGG			06823W	3847N	2664-14222	80	GGGG			07502W	2600N	2684-14364	60	GGGG		
06411W	3843S	2665-13072	30	FFFF			06845W	4855N	2703-14350	40	GGGG			07517W	3020N	2703-14403	40	GGGG		
06411W	3850S	2683-13063	0	FFFF			06850W	4850N	2685-14355	100	GGGF			07526W	2434N	2684-14371	70	GGGG		
06415W	3432S	2684-13110	60	GGGG			06853W	4845N	2667-14363	100	FGGG			07541W	2854N	2703-14405	40	GG		
06416W	3429S	2666-13114	10	GGGG			06937W	5019N	2704-14402	70	PPGF			07548W	2307N	2684-14373	50	GGGG		
06428W	4855N	2700-14180	70	GGGG			06948W	3852N	2683-14272	30	GGGG			07604W	2728N	2703-14412	60	GGGG		
06430W	4145N	2698-14084	40	GGGG			06950W	3846N	2665-14280	60	GGGG			07614W	5419N	2656-15153	90	GGGG		
06430W	4144N	2680-14092	70	GGGG			07015W	4854N	2704-14404	90	PPGG			07628W	2602N	2703-14414	30	GGGG		
06433W	4847N	2682-14184	10	GGGG			07016W	3726N	2683-14274	70	GGGG			07648W	5015N	2691-15093	10	GGGG		
06433W	4138N	2662-14101	90	GGGG			07018W	3721N	2665-14283	90	GGGG			07650W	2436N	2703-14421	80	FGGG		
06435W	4842N	2664-14193	60	GGGG			07021W	4845N	2668-14421	90	G			07653W	5009N	2673-15102	20	GGGG		
06441W	3559S	2702-13104	50	GGGG			07043W	3600N	2683-14281	40	GGGG			07658W	5256N	2656-15155	90	GGGG		
06443W	3555S	2666-13121	20	FFFF			07045W	3556N	2665-14285	90	GGGG			07740W	5132N	2656-15162	70	GGGG		
06443W	3557S	2684-13112	50	GGGG			07109W	3434N	2683-14283	50	GGGG			07753W	2601N	2704-14472	80	GGGF		
06450W	3139S	2667-13164	0	GGGG			07111W	3431N	2665-14292	90	GGGG			07755W	2557N	2668-14485	40	GGGG		
06450W	3140S	2685-13155	10	GGGG			07135W	3309N	2683-14290	80	GGGG			07756W	2558N	2686-14481	70	GGGG		
06452W	4434N	2681-14141	50	GGGG			07200W	3143N	2683-14292	90	GGGG			07813W	5017N	2692-15151	100	GGGG		
06510W	3722S	2684-13115	10	GGGG			07225W	3016N	2683-14295	90	GGGG			07817W	2435N	2704-14475	60	GGGG		
06511W	3720S	2666-13123	10	GGGG			07234W	3440N	2702-14333	80	GGGG			07819W	2432N	2686-14483	60	GGGG		
06515W	3304S	2667-13170	0	FFFF			07234W	3437N	2684-14341	70	GGFG			07821W	5007N	2656-15164	70	GGGG		
06516W	3306S	2685-13162	20	FFFG			07237W	3430N	2666-14350	30	GGGG			07841W	2306N	2686-14490	30	GGGG		
06524W	4309N	2681-14144	80	GGGG			07249W	2850N	2683-14301	90	GGGG			08233W	5018N	2695-15322	50	FGGF		
06555W	4144N	2681-14150	80	GGGG			07257W	2305N	2682-14261	30	GGGG			08235W	5012N	2677-15330	20	GGGG		
06559W	4847N	2683-14242	10	GGGG			07300W	3313N	2702-14335	60	GGGG			08355W	5013N	2678-15384	10	GGG		
06602W	4843N	2665-14251	60	GGGG			07300W	3311N	2684-14344	70	GGGG			08401W	5011N	2678-15385	10	GGGG		
06645W	5020N	2702-14285	80	GGGG			07304W	3304N	2666-14353	50	GGGG			08651W	5016N	2698-15492	10	GGGG		
06718W	4149N	2700-14200	90	GGGG			07309W	4850N	2688-14525	90	PGFG			08817W	5019N	2699-15550	0	GGGG		
06721W	4143N	2682-14205	70	GGGG			07313W	2724N	2683-14304	90	GGGG			08942W	5019N	2700-16005	90	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

20:58 JAN 13, '77

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0143

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678			
LONG	LAT			LONG	LAT			LONG	LAT					
09107W	5020N	2701-16063	10	GGFG	10410W	5258N	2675-17041	60	GGFF	11132W	2854N	2692-17044	20	FGG
09111W	5011N	2683-16071	30	GGGG	10413W	5254N	2657-17045	90	GGG	11139W	2307N	2691-17004	40	PGGG
09154W	5139N	2684-16123	0	GGGG	10441W	5708N	2659-17150	0	GGGG	11156W	2728N	2692-17051	10	GGGG
09233W	5019N	2702-16121	60	FGGG	10450W	5425N	2676-17092	10	FGGG	11219W	2601N	2692-17053	10	GF
09235W	5014N	2684-16130	0	GGGG	10453W	5134N	2675-17043	50	GGFG	11238W	5019N	2698-17324	90	GGFG
09321W	5143N	2703-16173	50	GGGF	10455W	5417N	2658-17101	10	GGGG	11241W	5013N	2680-17332	50	GGGG
09401W	5018N	2703-16175	60	FFGG	10455W	5130N	2657-17052	70	GGGG	11241W	2435N	2692-17060	70	GGGG
09402W	5014N	2685-16184	0	GGGG	10530W	5016N	2693-17041	30	GGGF	11258W	2853N	2693-17103	0	FGGG
09406W	5008N	2667-16192	100	FGGG	10531W	5544N	2659-17152	10	GGGG	11258W	2850N	2675-17111	50	GGGG
09529W	5013N	2686-16242	10	GGGG	10533W	5304N	2694-17090	10	GGGG	11304W	2308N	2692-17062	70	GGGF
09618W	5132N	2669-16302	100	FGGG	10535W	5301N	2676-17095	0	GGGG	11321W	2726N	2693-17105	0	GG
09655W	5015N	2687-16300	90	FGGG	10539W	5253N	2658-17103	0	GGGG	11322W	2724N	2675-17114	20	GG
09740W	5139N	2688-16352	0	FGGG	10616W	5423N	2677-17150	60	GGGF	11345W	2559N	2693-17112	10	GGGG
09820W	5014N	2688-16354	0	GGGF	10616W	5139N	2694-17093	30	GGGG	11345W	2558N	2675-17120	50	GGGG
09822W	2432N	2682-16090	80	GGGG	10617W	5137N	2676-17101	10	GGGG	11403W	5019N	2699-17382	50	GGGG
09824W	2429N	2664-16095	100	GGGG	10618W	5420N	2659-17155	20	GGGG	11404W	3013N	2658-17171	60	GGGG
09946W	2436N	2701-16140	90	GGGG	10621W	5129N	2658-17110	20	GGGG	11407W	2433N	2693-17114	20	GGGG
09947W	5013N	2689-16412	20	GGGG	10657W	5015N	2694-17095	10	FGGG	11408W	2431N	2675-17123	70	GGGG
09947W	2432N	2683-16144	70	GGGG	10657W	5012N	2676-17104	10	GGGG	11425W	2852N	2676-17165	10	G
09950W	2429N	2665-16153	90	GGGG	10658W	5307N	2695-17144	40	GGG	11425W	2851N	2694-17161	0	GG
10037W	5133N	2672-16473	80	GGGG	10701W	5259N	2677-17153	70	FGGG	11430W	2307N	2693-17121	60	GGGG
10121W	5255N	2655-16533	10	GGGF	10703W	5256N	2659-17161	10	GGGG	11431W	2305N	2675-17125	60	GGGG
10148W	6116N	2659-17134	0	GGGG	10740W	5143N	2695-17151	30	GFG	11448W	2727N	2676-17172	10	GFG
10150W	5705N	2657-17034	90	GGGG	10744W	5135N	2677-17155	80	GGGG	11449W	2725N	2694-17163	10	GGFG
10204W	5131N	2655-16535	10	GGGG	10746W	5133N	2659-17164	0	GGGG	11511W	2601N	2676-17174	20	GGGG
10222W	5828N	2658-17085	0	GGGG	10821W	5018N	2695-17153	90	GGGG	11512W	2559N	2694-17170	40	GGGG
10240W	5542N	2657-17040	90	GGGG	10824W	5011N	2677-17162	50	GGGG	11525W	3020N	2695-17212	10	FSGG
10240W	5015N	2691-16525	60	FGGG	10903W	2727N	2690-16535	10	FGGG	11527W	3017N	2677-17221	0	GGGG
10251W	5954N	2659-17141	0	G	10926W	2600N	2690-16541	20	GGGG	11529W	3016N	2659-17225	10	GGGG
10317W	5705N	2658-17092	10	GGGG	10947W	5017N	2696-17212	60	GGGG	11530W	5018N	2700-17440	50	GGGG
10325W	5422N	2675-17034	50	GGGG	10949W	2434N	2690-16544	30	GG	11534W	2434N	2676-17181	40	GGGG
10325W	5132N	2656-16593	10	GGGG	11006W	2852N	2691-16590	0	GFGG	11534W	2433N	2694-17172	50	GGGG
10328W	5418N	2657-17043	90	GGGG	11012W	2308N	2690-16550	20	GGGG	11535W	5303N	2683-17494	80	G
10348W	5831N	2659-17143	0	GGGG	11029W	2726N	2691-16593	10	GFPF	11550W	2854N	2695-17215	20	FG
10406W	5011N	2674-16591	40	GGGG	11053W	2600N	2691-16595	20	GF	11556W	2306N	2694-17175	40	GGGG
10407W	5541N	2658-17094	10	GGGG	11116W	2433N	2691-17002	30	GGGG	11557W	2307N	2676-17183	50	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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20:58 JAN 13, 177

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 12/01/76 TO 12/31/76

PAGE 0144

PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
11613W	2728N	2695-17221	20	FGFG		11922W	3141N	2662-17393	50	GGGG		15155W	7928S	2671-15374	90	GGG	
11615W	5143N	2701-17492	70	GGGG		11929W	2557N	2679-17345	10	FGGG		15210W	7931S	2689-15365	90	GGG	
11618W	5139N	2683-17500	60	G		11948W	5019N	2703-18011	90	GFGG		15335W	7927S	2690-15424	100	GGG	
11636W	2602N	2695-17224	30	FGGG		11951W	5013N	2685-18015	70	GGGF		15450W	7928S	2673-15490	80	GGG	
11653W	3016N	2678-17275	0	GGFG		11952W	2431N	2679-17351	40	GGFG		15534W	7933S	2691-15482	100	GGG	
11658W	5015N	2683-17503	70	GGGG		12015W	2304N	2679-17354	50	GGFG		15548W	7926S	2674-15544	90	GGG	
11717W	2850N	2678-17282	0	GG		12117W	5013N	2686-18074	80	GGGG		15642W	7928S	2692-15540	90	GGG	
11741W	2724N	2678-17284	10	FFFF		12212W	3142N	2682-17501	90	GGGG		15915W	8010S	2671-15381	90	GGG	
11804W	2558N	2678-17291	20	GGGG		12243W	5015N	2687-18132	50	GGGG		15925W	8012S	2689-15372	90	GGG	
11818W	3016N	2679-17333	0	GFGF		12312W	3312N	2701-17544	30	GGGG		16049W	8008S	2690-15430	100	GGG	
11821W	5019N	2702-17553	80	GFGG		14024W	7744S	2689-15360	100	GG		16210W	8010S	2673-15493	50	GGG	
11827W	2431N	2678-17293	40	GGGG		14552W	7841S	2689-15363	100	GFF		16253W	8014S	2691-15484	90	GGF	
11842W	2850N	2679-17340	0	GG		14714W	7837S	2690-15421	90	GGG		16301W	8008S	2674-15551	90	GGG	
11906W	2723N	2679-17342	0	FGGG		14830W	7837S	2673-15484	80	GGG		16358W	8009S	2692-15542	100	GGG	
11911W	5138N	2685-18013	70	FGFG		15020W	7839S	2692-15533	80	GGG		16736W	8043S	2689-15374	100	GGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

EXPLANATION OF OBSERVATION ID

The day after the 999th day of operation of Landsat 1, the first digit of the observation ID becomes a 5, signifying that the 1000th day of operation has been reached. The next three digits, which correspond to the count of days since launch, return to 000. On each day thereafter the count, as before, increases by one. The ID format for Landsat 1 is illustrated below:

1000 - hhmmss
--
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1998 - hhmmss
1999 - hhmmss April 18, 1975
5000 - hhmmss April 19, 1975
5001 - hhmmss (Days since launch equal 1001)
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The same general identification procedure will be used for Landsat 2 imagery. The day after the 999th day of operation of Landsat 2, the first digit of the observation ID becomes a 6, and the next three digits return to 000 as explained above. An illustration follows:

2000 - hhmmss
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2999 - hhmmss
6000 - hhmmss
6001 - hhmmss (Days since launch equal 1001)
--
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Key: hh = hours
mm = minutes
s = tens of seconds